



IMOG 2019

29TH INTERNATIONAL MEETING
ON ORGANIC GEOCHEMISTRY

.....
GOTHENBURG · SWEDEN
.....

1 - 6 SEPTEMBER 2019

**FINAL ANNOUNCEMENT &
PROGRAMME**



ORGANIZER: EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS

13:15	P240 - DISEQUILIBRIUM BETWEEN RELATIVE ABUNDANCES OF DIAHOPANES AND DIASTERANES SUGGESTS DIFFERENT FORMATION MECHANISMS - S. George ^{1*} , S. Baydjanova ¹ , L. Jiang ¹ , B. Manda ^{1,2} ¹ Macquarie University; ² Geological Survey Department of Malawi	P255 - A NOVEL PALEO SEA SURFACE NUTRIENT PROXY BASED ON LONG CHAIN ALKYL DIOLS: NUTRIENT DIOL INDEX (NDI) - J. Gal ^{1,2*} , J. Kim ¹ , K. Shin ² ¹ Korea Polar Research Institute, ² Hanyang University
	P241 - ORGANIC FACIES, THERMAL ALTERATION AND PETROLEUM MIGRATION AS REVEALED FROM BIOMARKERS OF THE SVERDRUP BASIN, ARCTIC CANADA - M. Obermajer ^{1*} , K. Dewing ¹ ¹ Geological Survey of Canada	P256 - A NEW CALIBRATION OF THE TEX86 TEMPERATURE PROXY FOR THE BALTIC SEA REGION - A. Wittenborn ^{1*} , M. Moros ¹ , H.W. Arz ¹ , J. Kaiser ¹ , H. Radtke ¹ ¹ Leibniz Institute for Baltic Sea Research Warnemünde
	P242 - ORIGIN AND OCCURRENCE OF UNUSUALLY HIGH 17'-DIAHOPANES IN THE WALTMAN SHALE, WIND RIVER BASIN, WYOMING, USA - T. Ruble ^{1*} , S. Talbert ² , A. Claypool ³ , T. Whelihan ¹ , J. Holt ¹ ¹ Weatherford Laboratories; ² Aethon Energy; ³ Charter Energy Partners	P257 - THERMAL DIAGENETIC IMPACT ON GDGTS IN LABORATORY SIMULATION: IMPLICATIONS FOR APPLICATION GDGT-BASED PROXIES IN DEEP TIME - H. Pei ^{1*} , H. Yang ¹ , S. Xie ¹ ¹ China University Of Geosciences
	P243 - FIRST EVIDENCE OF GREEN PIGMENTED CHLOROBIAEAE BIOMARKERS FROM CRETACEOUS CRUDE OILS (SERGIPE-ALAGOAS BASIN, BRAZIL) - B. Araújo ^{1*} , V. Pereira ² , F. Aquino Neto ² , D. Azevedo ² ¹ Ufes; ² Ufrj	Soils, Microbes and Plants
13:15	P244 - BIOMARKER CHARACTERIZATION OF EOCENE CRUDE OILS FROM CAMBAY BASIN UTILIZING COMPREHENSIVE GCXGC-TOFMS - S. Kumar ^{1*} , S. Dutta ¹ ¹ Indian Institute Of Technology Bombay	P258 - INFLUENCE OF PLANT GROWTH FORM, HABITAT AND SEASON ON LEAF-WAX N-ALKANE HYDROGEN-ISOTOPIC SIGNATURES IN EQUATORIAL EAST AFRICA - M. Griepentrog ^{1,2,3*} , L. De Wispelaere ¹ , M. Bauters ^{1,4} , S. Bodé ¹ , A. Hemp ⁵ , D. Verschuren ^{6,7} , P. Boeckx ^{1,7} ¹ Isotope Bioscience Laboratory (ISOFYS), Ghent University; ² Biogeoscience, ETH Zurich; ³ Soil Resources, ETH Zurich; ⁴ Computational and Applied Vegetation Ecology (CAVE) Lab, Ghent University; ⁵ Plant Systematics, University of Bayreuth; ⁶ Limnology Unit, Ghent University; ⁷ Equal contribution
	P246 - BIOMARKER SIGNATURES REVEALED BY GCXGC-TOFMS IN EOCENE SEDIMENTS FROM CAMBAY BASIN, WESTERN INDIA - D. Niyolia ^{1*} , S. Kumar ¹ , S. Dutta ¹ ¹ Indian Institute Of Technology Bombay	P259 - ASSESSMENT OF MICROBIAL ALTERATION IN MARINE SEDIMENTS: EVIDENCE FROM COMPOUND-SPECIFIC ISOTOPE ANALYSIS OF AMINO ACIDS - H. Choi ^{1*} , B. Choi ¹ , H. Kim ² , K. Lee ³ , D. Lim ⁴ , K. Shin ¹ ¹ Hanyang University; ² National Marine Biodiversity Institute of Korea; ³ Pohang University of Science and Technology; ⁴ Korea Institute of Ocean Science and Technology
	P247 - ASSESSMENT OF α,ω-BISPHENYLALKANES FROM AROMATIC FRACTION OF MARINE OIL FROM BRAZILIAN MARGINAL BASIN, BRAZIL - B. Araújo ^{1*} , A. Moura ¹ , V. Pereira ² , D. Azevedo ² , A. Citó ¹ ¹ UFPI; ² UFRJ	P260 - DEEP METHAGENESIS AND IODINE-RICH AQUIFER: INSIGHT FROM ORGANIC GEOCHEMICAL APPROACH - A. Urai ^{1,2*} ¹ Japan Agency For Marine-Earth Science & Technology; ² Shinshu University
	P248 - ARYL ISOPRENOIDS AS INDICATORS OF PHOTIC ZONE ANOXIA - W. Bielen ^{1*} , I.M. Matysik ¹ ¹ Oil & Gas Institute-National Research Institute	P261 - UNRECOGNIZED FUNCTIONS OF COENZYME F430 AND ITS APPLICATIONS ON GEOMICROBIOLOGY AND CATALYST CHEMISTRY - M. Kaneko ^{1*} , S. Harakawa ² , S. Tsujimura ² ¹ National Institute Of Advanced Industrial Science And Technology; ² Tsukuba University
Proxies	P250 - BACTERIAL 3-HYDROXY FATTY ACIDS: APPLICABILITY AS TEMPERATURE AND PH PROXIES IN SOILS FROM THE FRENCH ALPS. - P. Véquaud ^{1*} , S. Collin ¹ , C. Anquetil ¹ , J. Poulenard ² , P. Sabatier ² , P. Choler ³ , S. Derenne ¹ , A. Huguet ¹ ¹ Sorbonne Université UMR METIS; ² Université Savoie Mont Blanc EDYTEM; ³ Université Grenoble Alpes Laboratoire d'Ecologie Alpine	P262 - IMPROVED SOURCE APPORTIONMENT OF SOIL AND SEDIMENT ORGANIC MATTER USING INVERSE MODELING OF BIOMARKER COMPOSITION (VERHIB 2.0) - C. Thomas ^{1*} , B. Jansen ² , E. Van Loon ² , G. Wiesenberg ¹ ¹ University Of Zurich; ² University of Amsterdam
	P251 - CHROMANS AS SIGNALS OF FRESHWATER INCURSIONS PROMOTING SALINITY STRATIFICATION IN THE LOWER PERMIAN IRATI FORMATION, PARANÁ BASIN - L. Lopes Martins ^{1,2*} , H. Schulz ¹ , H.J. Portugal Severiano Ribeiro ² , E. Soares de Souza ² , C. Adolphsson do Nascimento ² , G. Feitosa da Cruz ² ¹ GFZ German Research Centre for Geosciences; ² North Fluminense State University	P263 - SULFUR METABOLISING BACTERIA WITHIN HYPERSALINE MICROBIAL MAT COMMUNITIES - M. Campbell ^{1*} ¹ Curtin University
	P252 - INFLUENCE OF TEMPERATURE ON SOIL THAUMARCHAOTAL LIPIDS: A DUAL ENRICHMENT AND MICROCOMOSM APPROACH - A. Huguet ^{1*} , C. Zell ¹ , S. Coffinet ² , M. Picard ¹ , T. Terroiset ¹ , C. Anquetil ¹ , J. Lipp ² , K. Hinrichs ² , M. Könneke ² , S. Derenne ¹ , S. Collin ¹ ¹ Sorbonne Université UMR METIS; ² MARUM/University of Bremen	P264 - AEROBIC METHANOTROPHY IN NORTH SEA SEDIMENT AND BALTIC SEA WATER COLUMN AS REVEALED BY BACTERIOHOPANE POLYOL LIPIDS AND GENOMIC APPROACHES - D. Rush ^{1*} , L. Villanueva ¹ , M. Van der Meer ¹ , E. Hopmans ¹ , J. Sinninghe Damsté ¹ ¹ Royal NIOZ
	P254 - DIFFERENT TEMPERATURE DEPENDENCE OF THE BACTERIAL BRGDGT ISOMERS IN 35 CHINESE LAKE SEDIMENTS COMPARED TO THAT IN SOILS - X. Dang ^{1*} , H. Yang ¹ , R.D. Pancost ² , B.D.A. Naafs ² , S. Xie ¹ ¹ China University of Geosciences (Wuhan); ² University of Bristol	P265 - GEOGENIC ORGANIC CARBON - TRACEABLE IN DEEP SUBSOILS? - G. Norén ^{1*} , J. Schwarzbauer ² , A. Don ³ , F. Kalks ³ , C.W. Mueller ⁴ , I. Prater ⁴ , J. Rethermeyer ¹ ¹ University Of Cologne; ² RWTH Aachen University; ³ Thünen Institute of Climate-Smart Agriculture; ⁴ Technical University of Munich



P - Proxies Track 2

🗓 수요일, 9월 4, 2019

⌚ 1:15 오후 - 2:45 오후

Speaker

Mr Pierre Véquaud PhD Sorbonne Université UMR METIS	BACTERIAL 3-HYDROXY FATTY ACIDS: APPLICABILITY AS TEMPERATURE AND PH PROXIES IN SOILS FROM THE FRENCH ALPS. ⌚ 1:15 오후 - 2:45 오후
Dr Laercio Lopes Martins Researcher State University of Norte Fluminense (UENF)	CHROMANS AS SIGNALS OF FRESHWATER INCURSIONS PROMOTING SALINITY STRATIFICATION IN THE LOWER PERMIAN IRATI FORMATION, PARANÁ BASIN ⌚ 1:15 오후 - 2:45 오후
Dr Arnaud Huguet Cnrs Research Associate CNRS / Sorbonne Université	INFLUENCE OF TEMPERATURE ON SOIL THAUMARCHAEOTAL LIPIDS: A DUAL ENRICHMENT AND MICROCOsm APPROACH ⌚ 1:15 오후 - 2:45 오후
Dr Jiayi Lu China University of Geosciences, Wuhan	DISTRIBUTIONS OF LEAF WAX N-ALKANE AND $\delta^{2}H$ VALUES OF SURFACE SOILS ALONG A PRECIPITATION TRANSECT IN NORTHEASTERN CHINA ⌚ 1:15 오후 - 2:45 오후
Mr Xinyue Dang China University of Geosciences (Wuhan)	DIFFERENT TEMPERATURE DEPENDENCE OF THE BACTERIAL BRGDGT ISOMERS IN 35 CHINESE LAKE SEDIMENTS COMPARED TO THAT IN SOILS ⌚ 1:15 오후 - 2:45 오후
Dr Jong-Ku Gal Korea Polar Research Institute	A NOVEL PALEO SEA SURFACE NUTRIENT PROXY BASED ON LONG CHAIN ALKYL DIOLS: NUTRIENT DIOL INDEX (NDI) ⌚ 1:15 오후 - 2:45 오후
Ms Anna Wittenborn Leibniz Institute for Baltic Sea Research Warnemünde	A NEW CALIBRATION OF THE TEX86 TEMPERATURE PROXY FOR THE BALTIC SEA REGION ⌚ 1:15 오후 - 2:45 오후
Ms Hongye Pei PhD Student China University Of Geosciences	THERMAL DIAGENETIC IMPACT ON GDGTS IN LABORATORY SIMULATION: IMPLICATIONS FOR APPLICATION GDGT-BASED PROXIES IN DEEP TIME ⌚ 1:15 오후 - 2:45 오후

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INVITATION

Dear Colleagues,

I am pleased to welcome you to the 29th International Meeting on Organic Geochemistry (IMOG) that will take place in Gothenburg, Sweden from 1 to 6 September 2019. It brings our meeting for the first time to Sweden since the first IMOG took place in Italy (Milano, 1962).

Our academic community is thriving, buoyed by refining the understanding of organic matter cycles over geological and modern time scales and integrated paleoenvironmental and climatic studies. While the petroleum industry is still experiencing the biggest economic downturn seen for decades, our industry-based colleagues continue to bring new tools, influence and understanding to exploration and production activities.

We strongly believe that 2019 will bring together a strong successful conference widely attended by academic and industry participants. We are preparing a programme with broad appeal, scientific focus and networking opportunities, whilst experiencing the beauty of Gothenburg.

On behalf of EAOG, I am looking forward to welcoming you in Sweden!

Pim van Bergen

Chair of the IMOG committee

EAOG BOARD

Dr. P.F. van Bergen (<i>Chair</i>)	Shell BV
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Dr. F. Peterse	Utrecht University
Dr. H. Volk	BP
Dr. C. Walters	ExxonMobil

ABOUT IMOG 2019

The 29th International Meeting on Organic Geochemistry (IMOG 2019) will be held in Gothenburg, Sweden, from 1 to 6 September 2019. For the second time the conference will be organized by the European Association of Organic Geochemists in cooperation with EAGE. The official biennial conference of the European Association of Organic Geochemists (EAOG) is the largest meeting on Organic Geochemistry.

The guiding principle of the IMOG meetings is to encourage presentation, communication and discussion of research results carried out in academia and industry in the fields of Organic Geochemistry with topics ranging from biogeochemistry to petroleum geochemistry.

We are expecting more than 500 participants from all over the world with dozens of oral presentations and up to 500 poster presentations. In addition, a number of specific workshops and an exhibition are also being organized to facilitate knowledge transfer and business among the geochemical community.

ABOUT GOTHENBURG

Gothenburg is the largest non-capital city in the Nordics and located on the beautiful west coast of Sweden. The city is encircled by rocky shoreline, deep forests, tranquil lakes and the surging sea to the west. No other Swedish city gives such easy access to nature. Right on the doorstep are wide open spaces and stunning islands.

VENUE

The 29th International Meeting on Organic Geochemistry will be held at the Gothia Towers. This modern venue is located in central Gothenburg, right in the thick of things on Korsvägen, just a couple of blocks from the restaurants on fashionable Avenyn. Gothia Towers is close to the city centre with excellent transport links.

Gothia Towers

Mässans gata, 24
SE-402 26 Gothenburg
Sweden

CONFERENCE OVERVIEW

Icebreaker Reception	1 September 2019
Conference & Exhibition	2 - 6 September 2019
Cultural Evening	3 September 2019
Conference Dinner & Party	4 September 2019

IMPORTANT DATES

Late Breaking Abstract Submission Opens	1 June 2019
Early Registration Deadline	1 July 2019
Late Breaking Abstracts Deadline	15 August 2019
Late Registration Deadline	26 August 2019

On-site registration will also be available

Late Breaking Abstracts

We are also introducing, again in response to feedback from the community, a second deadline for late-breaking work with submissions open from 1 June 2019 until 15 August 2019 (posters only). Please ensure you use this deadline only for justifiably late-breaking unpublished work. Late-breaking abstracts are not a second chance for those who missed the official abstract deadline, and acceptance will be based on scientific quality and novelty of research. You may submit a late-breaking abstract even if you also have submitted a standard abstract.



TECHNICAL PROGRAMME

Oral Presentations | Monday 2 September

ROOM F4-5		ROOM F3
07:45	Registrations & Welcome Coffee	
09:00	Opening Ceremony	
Plenary I P. van Bergen (Shell)		
09:25	O1 - THE NITROGEN-ISOTOPIC COMPOSITION OF 1.1 BILLION-YEAR-OLD PORPHYRINS REVEALS OCEANS DOMINATED BY PHOTOTROPHIC BACTERIA - J.J. Brocks ^{1*} , N. Gueneli ¹ , A. McKenna ² , N. Ohkouchi ³ , C. Boreham ⁴ , J. Beghin ⁵ , E. Javaux ⁵ ¹ The Australian National University; ² National High Magnetic Field Laboratory; ³ Japan Agency for Marine-Earth Science and Technology; ⁴ Geoscience Australia; ⁵ University of Liège	
09:55	O2 - SYNTHESIS OF EXTRATERRESTRIAL ORGANIC MATTER ANALOGUES IN THE LABORATORY: THE PLASMA EXPERIMENT PERSPECTIVE - S. Derenne ^{1*} , D. Bekaert ² , L. Tissandier ² , C. Anquetil ¹ , B. Marty ² ¹ CNRS/Sorbonne Université/EPHE UMR METIS; ² CNRS/CRPG	
10:20	Coffee Break	
Plenary II C. Walters (ExxonMobil Research & Engineering)		
10:45	O3 - SOURCE CONSTRAINTS AND TRANSLOCATED DEGRADATION OF TERRESTRIAL ORGANIC MATTER USING SIBERIAN ARCTIC SHELVES AS RECEPATORS - Ö. Gustafsson ^{1*} , I. Semiletov ^{2,3,4} , N. Shakhova ² , O. Dudarev ^{2,3} , J. Vonk ⁵ , L. Bröder ⁶ , B. Wild ¹ , B. Van Dongen ⁶ , T. Eglington ⁷ , T. Tesi ⁸ , A. Andersson ¹ , J. Martens ¹ , R. Wennström ¹ ¹ Stockholm University; ² Tomsk Polytechnic University; ³ Russian Academy of Sciences, Pacific Oceanological Institute; ⁴ University of Alaska; ⁵ Free University of Amsterdam; ⁶ The University of Manchester; ⁷ ETH; ⁸ CNR	
11:10	O4 - UNDERSTANDING THE FRACTIONATION OF OILS VIA NATURAL AND INDUCED MIGRATION FROM UNCONVENTIONAL RESERVOIRS - S. Poetz ^{1*} , S. Kuske ¹ , Y. Song ² , J. Jweda ² , E. Michael ² ¹ Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences; ² ConocoPhillips	
11:35	O5 - NEW INSIGHTS INTO BACTERIAL WAX ESTER BIOSYNTHESIS, NATURAL OCCURRENCE AND ADAPTIVE ROLE IN ANAEROBIC ENVIRONMENTS - V. Grossi ^{1*} , C. Thomas ² , D. Sala ¹ , I. Anteau ¹ , D. Ariztegui ² , C. Cravo-Laureau ³ ¹ University of Lyon; ² University of Geneva; ³ University of Pau	
12:00	Lunch Break	
13:30	Poster Sessions Monday/Tuesday	
Crisis S. Coffinet (MARUM - Center for Marine Environmental Sciences)		Sulphur I. Kowalewski (IFP Energies Nouvelles)
15:00	O6 - BIOMARKER INSIGHTS INTO THE END-TRIASSIC MASS EXTINCTION IN THE SW UK – AN OVERSIMPLIFIED ICONIC CARBON ISOTOPE EXCURSION - C. Fox ^{1*} , J.H. Whiteside ² , P.E. Olsen ³ , X. Cui ⁴ , R.E. Summons ⁴ , K. Grice ¹ ¹ WA-OIGC, Curtin University; ² National Oceanography Centre, University of Southampton; ³ Lamont-Doherty Earth Observatory of Columbia University; ⁴ Massachusetts Institute of Technology	15:00 O7 - MECHANISM AND KINETICS OF VOLATILE ORGANIC SULFUR COMPOUNDS FORMATION AND THEIR SULPHUR ISOTOPES IMPRINT - A. Meshoulam ^{1*} , W. Said-Ahmad ¹ , C. Turich ² , N. Luu ³ , T. Jacksier ³ , A. Stankiewicz ² , A. Shurkin ¹ , A. Amrani ¹ ¹ Institute Of Earth Sciences; ² Schlumberger; ³ Air Liquide
15:20	O8 - INTEGRATED GEOCHEMICAL AND PALEONTOLOGICAL ASSESSMENT OF END DEVONIAN MARINE COMMUNITIES FROM THE APPALACHIAN BASIN, USA - A. Martinez ^{1*} , D. Boyer ² , M. Droser ¹ , G. Love ¹ ¹ University Of California - Riverside; ² Winthrop University	15:20 O9 - SULFUR ISOTOPE COMPOSITION OF INDIVIDUAL COMPOUNDS IN IMMATURE SOURCE ROCKS AND THEIR POSSIBLE GEOCHEMICAL IMPLICATIONS - L. Shawar ^{1*} , W. Said-Ahmad ¹ , G. Ellis ² , A. Amrani ¹ ¹ The Hebrew University Of Jerusalem; ² US Geological Survey

ROOM F4-5		ROOM F3	
15:40	O10 - PETROLEUM SYSTEM (S?) IN THE GUYANA-SURINAME BASIN: INSIGHTS FROM A GEOCHEMICAL STUDY ONSHORE SURINAME. - A.F. Cedeño Motta ^{1*} , S. Ohm ¹ , A. Escalona ¹ , E. Narain ² ¹ University of Stavanger; ² Staatsolie	15:40	O11 - ELUCIDATING SULFURIZATION PROCESSES IN SULFUR-RICH MUDSTONES: AN X-RAY ABSORPTION SPECTROMETRIC STUDY - Y. Abubakar ^{1*} , N.P. Edwards ² , R.A. Wogelius ¹ , K.G. Taylor ¹ , V. Coker ¹ , B.E. Van Dongen ¹ ¹ School of Earth and Environmental Science, University of Manchester; ² Stanford Synchrotron Radiation Lightsource, Stanford University
16:00	Coffee Break		
Environmental L. Schwark (Christian Albrechts University of Kiel)		Unconventionals H. Volk (BP Exploration Operating Co. Ltd)	
16:30	O12 - EXOMETABOLOME COMPOSITION IN ANAEROBIC BACTERIAL CULTURES GROWN WITH CRUDE OIL - S. Heyen ^{1*} , B. Scholz-Böttcher ¹ , R. Rabus ¹ , H. Wilkes ¹ ¹ Institute for Chemistry and Biology of the Marine Environment	16:30	O13 - INFLUENCE OF ORGANIC MATTER PROPERTIES ON POROSITY OF KIMMERIDGE CLAY SOURCE ROCKS DURING LABORATORY THERMAL MATURATION. - A. Cavelan ^{1*} , M. Boussafir ¹ , C. Le Milbeau ¹ , S. Delpeux ² , O. Rozenbaum ³ , F. Laggoun-Défarge ¹ ¹ Institut des Sciences de La Terre d'Orléans (ISTO)-CNRS/Université d'Orléans/BRGM-UMR7327; ² ICMN-CNRS UMR7374; ³ CEMHTI-CNRS UPR3079
16:50	O14 - UNCONVENTIONAL BIOSIGNATURES OF FUNGI IN FRUTEXITES-LIKE MICROBIAL MATS IN THE SUBSURFACE - C. Heim ^{1*} , C. Beimforde ¹ , D. Ionescu ² , M. Ivarsson ³ , V. Thiel ¹ ¹ University Of Göttingen, Geoscience Centre; ² Leibniz-Institute of Fresh Water Ecology and Inland Fisheries; ³ Swedish Museum of Natural History	16:50	O15 - ACCESSIBILITY AND MOBILITY OF HYDROCARBONS IN LACUSTRIAL SHALE: SOLVENT FLOW-THROUGH EXTRACTION EXPERIMENTS ON EOCENE OIL SHALES FROM BOHAI BAY BASIN - X. Xie ^{1*} , B. Krooss ² , R. Little ² , A. Amann-Hildenbrand ² , M. Li ¹ , Z. Li ¹ , L. Snowdon ¹ , D. Mohnhoff ² ¹ Sinopec Wuxi Institute Of Petroleum Geology; ² Institute of Geology and Geochemistry of Petroleum and Coal, RWTH Aachen University
17:10	O16 - MICROPLASTIC ABUNDANCE AND DISTRIBUTION IN GERMAN BIGHT SURFACE WATERS - C. Dibke ^{1*} , M. Fischer ¹ , B.M. Scholz-Böttcher ¹ ¹ ICBM, University of Oldenburg	17:10	O17 - EAGLE FORD SHALE – A NATURAL LABORATORY TO STUDY THE EFFECTS OF THERMAL MATURITY, OIL CRACKING AND PRIMARY EXPULSION - C. Walters ^{1*} , C. Davis ² , T. Zhang ³ , X. Sun ³ ¹ ExxonMobil Research & Engineering Co.; ² ExxonMobil Upstream Research Co.; ³ University of Texas, Austin
19:00	Cultural Evening		
20:00	End of Day 1		



Oral Presentations | Tuesday 3 September

ROOM F4-5		ROOM F3
08:35	Announcements	
Plenary III		
J. Jacob (Cnrs)		
08:40	O18 - MICROBIAL MAYHEM IN THE NASCENT CHICXULUB CRATER - B. Schaefer ¹ , K. Grice ^{1*} , M.J.L. Coolen ¹ , R.E. Summons ² , X. Cui ² , T. Bauersachs ³ , L. Schwarck ³ , M.E. Boettcher ⁴ , T.J. Bralower ⁵ , S.L. Lyons ⁵ , K.H. Freeman ⁵ , C.S. Cockell ⁶ , S.S. Gulick ⁷ , J.V. Morgan ⁸ , M.T. Whalen ⁹ , C.M. Lowery ⁷ , V. Vajda ¹⁰	
	¹ Wa-OIGC, School Of Earth and Planetary Sciences, Curtin University; ² Department of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology; ³ Department of Organic Geochemistry, Institute of Geoscience, Christian-Albrechts-University; ⁴ Geochemistry & Isotope Biogeochemistry Group, Department of Marine Geology, Leibniz Institute for Baltic Sea Research (IOW); ⁵ Department of Geosciences, Pennsylvania State University; ⁶ School of Physics and Astronomy, University of Edinburgh; ⁷ Institute for Geophysics, Jackson School of Geosciences, University of Texas; ⁸ Department of Earth Sciences and Engineering, Imperial College London; ⁹ Department of Geosciences, University of Alaska	
	¹⁰ Department of Palaeobiology, Swedish Museum of Natural History;	
09:05	O19 - A NOVEL PROXY BASED ON ARCHAEOAL LIPIDS FOR TROPICAL TERRESTRIAL TEMPERATURES IN ANCIENT GREENHOUSE CLIMATES - J. Blewett ^{1*} , D. Naafs ^{1,2} , A. Gallego-Sala ³ , R. Pancost ^{1,2}	
	¹ Organic Geochemistry Unit, University Of Bristol; ² School of Earth Sciences & Cabot Institute, University of Bristol; ³ School of Geography, College of Life and Environmental Sciences	
09:30	O20 - CAN INTACT POLAR LIPIDS FROM SHALLOW MARINE SEDIMENTS BE USED TO HELP DE-RISK PETROLEUM EXPLORATION? - C. Peters ^{1*} , T. Ventura ¹ , J. Bentley ¹ , C. Hubert ² , J. Lipp ³ , A. MacDonald ⁴ , M. Fowler ⁵ , F. Schubotz ³ , K. Hinrichs ³	
	¹ Saint Mary's University; ² University of Calgary; ³ University of Bremen; ⁴ Nova Scotia Department of Energy and Mines; ⁵ Applied Petroleum Technology Ltd.	
09:55	O21 - METABOLIC FLUX TRACING: A NOVEL TOOL TO STUDY CARBON AND NUTRIENT CYCLING IN SOIL - S. Spielvogel ^{1*} , J. Herschbach ¹ , C. Apostel ² , Y. Kuzyakov ³ , M. Dippold ²	
	¹ Christian-Albrechts University Kiel; ² Georg-August University Göttingen; ³ Kazan Federal University	
10:20	Coffee Break	
Plenary IV		
M. Dippold (University of Goettingen)		
10:45	O22 - TOWARDS RELIABLE RECONSTRUCTIONS OF PLIOCENE TERRESTRIAL TEMPERATURES USING BRANCHED TETRAETHER MEMBRANE LIPIDS - E. Dearing Crampton-flood ^{1*} , D. Smits ¹ , G. Van der Molen ¹ , L. Noorbergen ² , L. Lourens ¹ , D. Munsterman ³ , C. Van der Weijst ¹ , T. Donders ¹ , F. Peterse ¹ , J. Sinnighe Damsté ^{1,4}	
	¹ Utrecht University; ² Free University (Vrije Universiteit) Amsterdam; ³ TNO-Dutch Geological Survey; ⁴ NIOZ- Royal Netherlands Institute for Sea Research	
11:10	O23 - NEW INSIGHT INTO THE ANAEROBIC BIODEGRADATION OF ALKYLBENZENES: THE OXIDATION PATHWAY OF P-CYMENE IN A DENITRIFYING BACTERIUM - H. Wilkes ^{1*} , J. Küppers ¹ , P. Becker ¹ , R. Jarling ¹ , M. Dörrries ¹ , N. Cakic ¹ , M. Schmidtmann ¹ , R. Rabus ¹ , J. Christoffers ¹	
	¹ University of Oldenburg	
11:35	O24 - SUBSEAFLOOR ARCHAEA REFLECT 140 KYR OF PALEODEPOSITIONAL CHANGES IN THE NORTHERN RED SEA - M. Coolen ^{1*} , K. More ¹ , K. Grice ¹ , J. Tierney ² , L. Giosan ³ , X. Irigoien ⁴	
	¹ Curtin University; ² University of Arizona; ³ Woods Hole Oceanographic Institution; ⁴ AZTI-Tecnalia	
12:00	Lunch Break	
13:30	Poster Sessions Monday/Tuesday	

ROOM F4-5		ROOM F3	
Novel Techniques N. Bale (Royal Netherlands Inst. for Sea Research (NIOZ))		Soils M. Griepentrog (ETH Zurich)	
15:00	O25 - BACTERIOHOPANE POLYOL ANALYSIS BY GAS CHROMATOGRAPHY-TRIPLE QUADRUPOLE MASS SPECTROMETRY FOR ANAMMOX BIOMARKER DETECTION - R. Schwartz-Narbonne ^{1*} , J. Blewett ² , S.K. Lengger ³ , P. Schaeffer ⁴ , R. Pancost ² , D. Rush ^{1,5} ¹ Newcastle University; ² University of Bristol; ³ University of Plymouth; ⁴ University of Strasbourg; ⁵ NIOZ Royal Netherlands Institute for Sea Research, and Utrecht University	15:00	O26 - CONDENSATION AND POLYMERIZATION EXPLAIN THE HUMIFICATION OF LIGNIN INTO ALIPHATIC AND AROMATIC STRUCTURES IN SOIL - P. Hatcher ^{1*} , H. Chen ¹ , S. Khatami ¹ , D. Waggoner ¹ ¹ Old Dominion University
15:20	O27 - A NEW METHOD FOR ORGANIC AND MINERAL SULFUR MULTI-ISOTOPE ANALYSIS OF SEDIMENTS AND PETROLEUM SOURCE ROCKS - I. Jovovic ^{1*} , V. Grossi ¹ , P. Adam ² , F. Gelin ³ , I. Anthaume ¹ , M. Ader ⁴ , P. Cartigny ⁴ ¹ University of Lyon; ² University of Strasbourg; ³ TOTAL E&P; ⁴ University Sorbonne Paris Cité	15:20	O28 - INFLUENCE OF WARMING ON PLANT- AND MICROORGANISM-DERIVED SOIL ORGANIC MATTER IN A CONIFEROUS TEMPERATE FOREST - N.O.E. Ofiti ^{1*} , C.U. Zosso ¹ , E.F. Solly ¹ , J.L. Soong ² , M.S. Torn ² , G.L.B. Wiesenber ¹ , M.W.I. Schmidt ¹ ¹ University Of Zurich; ² Lawrence Berkeley National Laboratory
15:40	O29 - UNDERWATER GLIDERS FOR OIL AND GAS EXPLORATION - D. Levaché ^{1*} , D. Dhont ¹ , P. Lattes ¹ , A. Vidal ¹ , L. Beguery ² , V. Del Marro ² , F. Besson ² , V. Rochet ² ¹ Total; ² Alseamar	15:40	O30 - MOLECULAR CHARACTERIZATION OF SPHAGNUM-DERIVED PHENOLICS AND THEIR ROLE IN PEATLAND CARBON CYCLING - C. Murty ^{1*} , C.H. Vane ² , N.D. Gray ¹ , G.D. Abbott ¹ ¹ Newcastle University; ² British Geological Survey
16:00	Coffee Break		
Biomarkers K. Grice (Curtin University)		Petroleum Systems J. van Winden (Shell Global Solutions International BV)	
16:30	O31 - WIDESPREAD PRODUCTION OF BUTANETRIOL DIALKYL GLYCEROL TETRAETHERS IN MARINE SEDIMENTS - S. Coffinet ^{1*} , T.B. Meador ¹ , L. Mühlenga ¹ , K.W. Becker ¹ , J. Schröder ¹ , J.S. Lipp ¹ , V.B. Heuer ¹ , M.P. Crump ² , K. Hinrichs ¹ ¹ MARUM - Center for Marine Environmental Sciences - University of Bremen; ² School of Chemistry - University of Bristol	16:30	O32 - RECOGNIZING THE CAUSES OF COMPLEX (MIXED) MOLECULAR MATURITY SIGNALS IN OILS - P. Farrimond ^{1*} ¹ Integrated Geochemical Interpretation Ltd (IGI)
16:50	O33 - TEMPORAL ALIASING OF MOLECULAR PROXY SIGNALS CARRIED BY A SUB-ALPINE RIVER - M.S. Schwab ^{1*} , N. Haghipour ^{1,2} , T.I. Eglinton ¹ ¹ ETHZ; ² Laboratory of Ion Beam Physics, ETHZ	16:50	O34 - GEOCHROMATOGRAPHIC SEPARATION OF ORGANIC TRACERS USING A NATURAL DRAUPNE (KIMMERIDGE CLAY) SOURCE ROCK COLUMN - F. Panitz ^{1*} , M. Erdmann ² , U. Berner ² , L. Schark ^{1,3} ¹ Organic Geochemistry Unit, Institute of Geosciences, Kiel University; ² Equinor; ³ WA-OIGC, Curtin University
17:10	O35 - MAPPING OF PIGMENT REMNANTS IN FOSSIL MATERIAL - B. Van Dongen ^{1*} , P. Manning ² , N. Edwards ³ , U. Bergmann ⁴ , J. Anne ⁵ , W. Sellers ¹ , A. Van Veelen ⁶ , V. Egerton ² , R. Alonso-Mori ⁷ , K. Ignatyev ⁸ , K. Wakamatsu ⁹ , S. Ito ⁹ , F. Knoll ¹⁰ , R. Wogelius ¹ ¹ University of Manchester; ² College of Charleston; ³ Stanford Synchrotron Radiation Lightsource; ⁴ Stanford PULSE Institute; ⁵ Children's Museum of Indianapolis; ⁶ University of Southampton; ⁷ Linac Coherent Light Source; ⁸ Diamond Light Source; ⁹ ujita Health University School of Health Sciences; ¹⁰ ARAID—Fundación Conjunto Paleontológico de Teruel-Dinópolis	17:10	O36 - DIPICOLINIC ACID AS A TRACER FOR THERMOPHILIC ENDOSPORES AND HYDROCARBON SEEPES IN DEEP WATER MARINE SEDIMENTS - J. Rattray ^{1*} , G. Elizondo ¹ , A. Chakraborty ¹ , B. Bernard ² , J. Brooks ² , A. MacDonald ³ , C. Campbell ⁴ , A. Normandeau ⁴ , M. Fowler ⁵ , J. Webb ⁵ , C. Hubert ¹ ¹ University of Calgary; ² TDI Brooks; ³ Nova Scotia Department of Energy and Mines; ⁴ Bedford Institute of Oceanography; ⁵ Applied Petroleum Technology Ltd.
17:30	O37 - ANALYSIS OF FAECAL SUBSTRATES SHEDS LIGHT INTO COPROSTANOL ORIGIN, PRESERVATION AND DIAGENESIS - A. Sistiaga ^{1,2*} , M. Poyet ¹ , M. Groussin ¹ , M. Collins ² , R.E. Summons ¹ ¹ Massachusetts Institute Of Technology; ² Centre for GeoGenetics, University of Copenhagen	17:30	O38 - DEEP-WATER SOURCE ROCKS IN CRETACEOUS BASINS AROUND AFRICA: PROSPECTS AND CHALLENGES - T. Wagner ^{1*} , O. Esegbe ¹ , R. Pereira ¹ , E. Erba ² , M.R. Petrizzo ² , G. Gambacorta ³ ¹ Lyell Centre, Heriot-Watt University; ² Department of Earth Sciences, Milan University; ³ ENI SpA
17:50	End of Day 2		

Poster Presentations | 2-3 September

Archaeology

13:30 P1 - THE PERFUME OF DEATH - AMBREIN IN HUMAN ADIPOCERE - B. Von der Lühe ^{1*} , V. Thiel ¹ , R.W. Mayes ² , L. Dawson ² , M. Graw ³ , S. Rowland ⁴ , S. Fiedler ⁵ ¹ Georg-August-University; ² James Hutton Institute; ³ Ludwig-Maximilians-University; ⁴ University of Plymouth; ⁵ Johannes-Gutenberg-University	P2 - RECONSTRUCTION OF ANCESTRAL LANDSCAPES AND HUMAN DIETARY OPTIONS USING GEOCHEMICAL FOSSILS AT OLUDVAI GORGE, TANZANIA - L.M. Stancampiano ^{1*} ¹ Heriot-Watt University	P3 - ENVIRONMENTAL AND ANTHROPIC CONTROLS ON SEDIMENTS AND BIOMARKER DEPOSITION IN A DECANTATION TANK (ORLEANS, FRANCE) - J. Jacob ^{1*} , A. Simonneau ² , A. Thibault ² , T. Thiebault ³ , C. Le Milbeau ² , R. Boscardin ² , L. Fougère ⁴ , E. Destandau ⁴ , C. Morio ⁵ ¹ Laboratoire des Sciences du Climat et de l'Environnement; ² Institut des Sciences de la Terre d'Orléans; ³ Milieux environnementaux, transferts et interactions dans les hydrossystèmes et les sols; ⁴ Institut de Chimie Organique et Analytique; ⁵ Orléans Métropole	P4 - IDENTIFICATION OF BETULIN-RELATED ESTERS IN ARCHAEOLOGICAL BIRCH BARK TAR: ORIGIN AND SIGNIFICANCE - J. Perthusison ¹ , P. Schaeffer ¹ , P. Adam ^{1*} , P. Debels ² , P. Galant ³ ¹ University of Strasbourg, CNRS – UMR 7177; ² UMR 5140 and UMR 8215; ³ Regional Service of Archaeology – Occitania	P5 - TRITERPENOIDS FROM BALSAMS: USEFUL MARKERS TO RECOGNIZE GENUINE, ADULTERATED AND ARCHAEOLOGICAL RESINS - B. Courel ¹ , P. Adam ¹ , P. Schaeffer ^{1*} ¹ Université de Strasbourg-CNRS, UMR 7177	P6 - TIMING OF MILLET DIFFUSION IN THE ALPS FROM MILIACIN OCCURRENCE IN LAKE SEDIMENTS - J. Jacob ^{1*} , A. Simonneau ² , F. Renaud ² , M. Bajard ³ , E. Messager ³ , J. Poulenard ³ , C. Giguet-Covex ³ , F. Arnaud ³ , E. Doyen ⁴ , P. Sabatier ³ , D. Etienne ⁵ , E. Malet ³ , B. Fanget ³ , C. Le Milbeau ² ¹ Laboratoire des Sciences du Climat et de l'Environnement; ² Institut des Sciences de la Terre d'Orléans; ³ Environnements, DYnamiques et TERRitoires de la Montagne; ⁴ Institut National de Recherches Archéologiques Préventives; ⁵ Centre Alpin de Recherche sur les Réseaux Trophiques et les Ecosystèmes Limniques	P7 - EVOLUTION OF LICIT AND ILLICIT DRUGS SINCE 1980 FROM A SEDIMENTARY ARCHIVE IN THE SEWER NETWORK OF ORLEANS (FRANCE) - T. Thiebault ¹ , J. Jacob ^{2*} , A. Simonneau ³ , A. Thibault ³ , C. Le Milbeau ³ , R. Boscardin ³ , P. Sabatier ⁴ , L. Ardit ⁵ , L. Augustin ⁶ , L. Fougère ⁷ , E. Destandau ⁷ , C. Hatté ² , C. Morio ⁸ ¹ Milieux environnementaux, transferts et interactions dans les hydrossystèmes et les sols; ² Laboratoire des Sciences du Climat et de l'Environnement; ³ Institut des Sciences de la Terre d'Orléans; ⁴ Environnements, DYnamiques et TERRitoires de la Montagne; ⁵ Bureau de Recherches Géologiques et Minières; ⁶ Centre de Carottage et de Forage National; ⁷ Institut de Chimie Organique et Analytique; ⁸ Orléans Métropole	P8 - NATURE, ORIGIN AND EVOLUTION OF ORGANIC POLLUTANTS FROM TRANSPORTS IN AN URBAN SEDIMENTARY ARCHIVE - A. Diacre ^{1*} , J. Jacob ² , C. Le Milbeau ¹ ¹ Institut des Sciences de la Terre d'Orléans; ² Laboratoire des Sciences du Climat et de l'Environnement
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Biomarkers

13:30 P9 - DISTRIBUTION OF ALKENONE DESATURASE GENES IN LONG-CHAIN ALKENONE HAPTOPHYTE PRODUCERS UNDER CHANGING ENVIRONMENTAL CONDITIONS - R. Perez Gallego ^{1*} , M. Van der Meer ¹ , N. Bale ¹ , J. Lattaud ¹ , J. Sinnninghe Damsté ^{1,2} , L. Villanueva ¹ ¹ NIOZ Royal Netherlands Institute For Sea Research and Utrecht University; ² Faculty of Geosciences Utrecht University	P10 - EXCEPTIONALLY WELL-PRESERVED CUTIN IN EXTINCT SEED FERNS (CARBONIFEROUS): ARE THESE EARLY ANGIOSPERMS? - M. Tripp ^{1*} , W. Rickard ¹ , J. Whiteside ² , P. Gadd ³ , K. Grice ¹ ¹ Curtin University; ² University of Southampton; ³ Australia's Nuclear Science and Technology Organisation	P11 - MOLECULAR CHARACTERIZATION AND EFFECT OF DIAGENESIS AND MATURATION OF MELANIN IN THE FOSSIL RECORD - J. Herrera ^{1*} , A. Sistiaga ¹ , J. Vinther ² , C. Brown ³ , D. Henderson ³ , R. Summons ¹ ¹ Massachusetts Institute of Technology; ² University of Bristol; ³ Royal Tyrrell Museum of Palaeontology	P12 - SOURCES AND DISTRIBUTION OF ISOPRENOID AND HYDROXYLATED GLYCEROL DIALKYL GLYCEROL TETRAETHERS IN AN ALPINE LAKE OF CHINA - J. Li ^{1*} , Q. Wang ¹ , X. Yang ¹ ¹ Nanjing Institute Of Geography And Limnology, Chinese Academy Of Sciences	P13 - SEASONAL DYNAMICS OF LEAF BIOCHEMICAL COMPOSITION - F. Petibon ^{1*} , T.C. Speckert ¹ , M. Kneubühler ¹ , M.W.I. Schmidt ¹ , G.L.B. Wiesenber ¹ ¹ University of Zürich	P14 - FATTY ACID AND HOPANOID ADAPTATION TO COLD IN THE METHANOTROPH METHYLOVULUM PYSCROTOLERANS - N.J. Bale ^{1*} , W.I.C. Rijpstra ¹ , D. Sahonero Canavesi ¹ , I.Y. Oshkin ² , S.E. Belova ² , S.N. Dedysh ² , J.S. Sinnninghe Damsté ¹ ¹ Royal Netherlands Inst. for Sea Research (NIOZ); ² Winogradsky Institute of Microbiology	P15 - BIOMARKERS, INCLUDING BOTRYOCOCCENES, IN MAAR LAKE SEDIMENTS FROM VIETNAM RECORD FLUCTUATIONS IN PHYTOPLANKTON DYNAMICS - K. Doiron ¹ , A. Schimmelmann ¹ , H. Nguyễn-Văn ² , D. Nguyễn-Thùy ² , S. Brassell ^{1,2*} ¹ Indiana University; ² VNU University of Science	P16 - PRESERVATION OF HEME DERIVATIVES IN VERTEBRATE FOSSILS FROM THE MESSEL PIT AND ENSPEL, GERMANY - S. Siljeström ^{1*} , V. Thiel ² , A. Steele ³ ¹ RISE Research Institutes of Sweden; ² University of Göttingen; ³ Carnegie Institution of Science	P17 - EFFECTS OF DIFFERENT BACTERIAL SPECIES ON CRUDE OIL BIODEGRADATION BY TWO AEROBIC BACTERIA - Y. Liu ^{1*} , Y. Wan ¹ , X. Liu ¹ ¹ China University of Petroleum	P18 - BIOMARKER TAPHONOMY IN HOLOCENE-AGE CONCRETIONS - A. Mojarror ^{1*} , X. Cui ¹ , J. Vinther ² , R. Summons ¹ ¹ Massachusetts Institute Of Technology; ² University of Bristol	P19 - OCCLUDED BIOMARKERS OR COVALENTLY BOUND BIOMARKERS? - L. Wu ^{1*} , X. Fang ¹ , B. Cheng ¹ , A. Geng ¹ ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences	P20 - PRESERVATION AND ORIGIN OF SACCHARIDES FROM THE MESOZOIC AND CENOZOIC LIGNITES - L. Marynowski ^{1,2*} , J. Smolarek ¹ , M. Goryl ² , M. Bucha ¹ , B. Simoneit ³ ¹ University of Silesia; ² Institute of Geological Sciences, Polish Academy of Sciences; ³ Oregon State University	P21 - WAX-TURNOVER IN SUN-EXPOSED AND SHADED LEAVES OF MATURE BEECH TREE (<i>FAGUS SYLVATICA</i>) - T.C. Speckert ^{1*} , F. Petibon ¹ , G.L.B. Wiesenber ¹ ¹ University of Zurich	P22 - INVESTIGATION OF BIOMARKERS IN TRIASSIC COPROLITES FROM INDIA - R. Umamaheswaran ^{1*} , G. Prasad ² , A. Rudra ¹ , S. Dutta ¹ ¹ Indian Institute Of Technology Bombay; ² University of Delhi
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13:30	<p>P23 - THE FIRST RECORD OF CHAMAECYDINS IN PRE-CENOZOIC SEDIMENTS – THE EXAMPLE FROM THE NORTH SUDETIC BASIN, POLAND - M. Goryl^{1*}, L. Marynowski², M. Bucha², B. Simoneit³</p>	<p>¹ Institute Of Geological Sciences, Polish Academy Of Sciences; ² Faculty of Earth Sciences, University of Silesia; ³ Collage of Science, Oregon State University</p>
	<p>P24 - EPICUTICULAR WAX LIPID COMPOSITION OF BETULA SPECIES AND ITS CHEMOTAXONOMIC SIGNIFICANCE - J. Weber^{1*}, L. Schwark¹</p>	<p>¹ Christian-Albrechts-University Kiel</p>
	<p>P25 - A MICROSCOPIC & GEOCHEMICAL ANALYSIS OF MELANOSOMES IN A FOSSILIZED FISH EYE FROM THE FUR FORMATION, DENMARK - D. Wang^{1*}, K. Grice¹, M. Coolen¹, W. Rickard¹, J. Whiteside²</p>	<p>¹ Curtin University; ² University of Southampton</p>
	<p>P26 - SEASONAL DISTRIBUTION OF 5-N-ALKYLRESORCINOLS FROM MOLINIA CAERULEA: POTENTIAL IMPLICATIONS FOR VEGETATION DYNAMICS IN PEATLANDS - R. Zocatelli¹, C. Le Milbeau^{1*}, F. Leroy¹, J. Jacob^{1,2}, S. Gogo¹, F. Laggoun-Défarge¹</p>	<p>¹ Institut des Sciences de la Terre d'Orléans; ² Laboratoire des Sciences du Climat et de l'Environnement</p>
	<p>P298 - A CRITICAL REASSESSMENT OF REDOX SENSITIVE BIOMARKERS - J. Kinsley^{1*}, S. Poulton², M. Kipp³, L. Van Maldegem¹, J. Brocks¹</p>	<p>¹ The Australian National University; ² The University of Leeds; ³ The University of Washington</p>
Case Studies		
13:30	<p>P27 - CONSTRAINING THE OIL CHARGE HISTORY OF A HEAVY OILFIELD USING A NOVEL MATURITY ASSESSMENT APPROACH: MASS FRACTION MATURITY - R. Alger^{1,2*}, H. Huang¹, S. Larter¹</p>	<p>¹ University of Calgary; ² Saudi Arabian Oil Company (Saudi ARAMCO)</p>
	<p>P29 - AN OPEN PETROLEUM GEOCHEMICAL DATABASE FOR THE UK CONTINENTAL SHELF - P. Farrimond^{1*}, M. Nuzzo¹, L. Garner¹, M. Gehlen¹, R. McBride¹, A. Green¹, D. Cornford¹, A. Wingfield¹, L. Neale¹, R. Cutler¹, G. Littlefield¹, M. Jacobs², J. Baguley³, M. Gall³</p>	<p>¹ Integrated Geochemical Interpretation Ltd (IGI); ² Lloyd's Register; ³ Oil & Gas Authority</p>
	<p>P30 - PETROLEUM GENERATION POTENTIALS AND KINETICS OF COALY SOURCE ROCKS IN KUQA DEPRESSION OF TARIM BASIN, NORTHWEST CHINA - C. Pan^{1*}, W. Huang¹, L. Zeng¹, S. Yu¹, J. Liu¹, Z. Xiao², H. Zhang²</p>	<p>¹ Guangzhou Institute of Geochemistry; ² Tarim Oilfield Company</p>
	<p>P31 - LACUSTRINE DERIVED OIL, NEW AND UNIQUE EVIDENCES FROM THE NAM CON SON BASIN VIETNAM - F. Mosca^{1*}, W. Dharmasamadhi¹, R. Bird²</p>	<p>¹ Murphy Exploration & Production Company; ² Independent Advisor</p>
	<p>P32 - FACIES VARIATIONS WITHIN THE HEKKINGEN FORMATION: AN INTERDISCIPLINARY APPROACH - A.F. Cedeno Motta^{1*}, S. Ohm¹, A. Escalona¹</p>	<p>¹ University of Stavanger</p>
	<p>P33 - ORGANIC GEOCHEMISTRY OF PETROLEUM IN THE CAMBRO-ORDOVICIAN SUCCESSION OF NY FRIESLAND, SPITSBERGEN, SVALBARD - T.B. Abay^{1*}, D.A. Karlsen¹, S. Olaussen², J.H. Pedersen³</p>	<p>¹ University of Oslo; ² University Centre in Svalbard; ³ Lundin Norway AS</p>
13:30	<p>P34 - GEOCHEMICAL STUDIES PROVE A PETROLEUM SYSTEM IN THE LOTIKIPI BASIN, KENYA, FEATURING A PROLIFIC LACUSTRINE SOURCE ROCK - M.F. García-Mayoral^{1*}, L. Anderson², J. Grimmer², L. Cajas², G. Rodrigo², E. Cuñado², R. Rodríguez-Pardo¹, R. Gómez²</p>	<p>¹ CEPSA Research Center; ² CEPSA E&P</p>
	<p>P36 - GAS/CONDENSATE COMPOSITION AND SOURCE ROCK FACIES IN THE CASWELL SUB-BASIN, OFFSHORE NORTHWEST AUSTRALIA - T. Inaba^{1*}</p>	<p>¹ INPEX Corporation</p>
	<p>P37 - EVALUATION OF THE OIL ACCUMULATION POTENTIAL IN THE RINGVASSØY-LOPPA FAULT COMPLEX (SW BARENTS SEA) - S. Mehay^{1*}, M. Marin¹, T. Cassola¹, J. Chao¹, D. Hall¹</p>	<p>¹ Schlumberger</p>
	<p>P38 - THE EVOLUTION OF DEEP FLUIDS IN LIGHT OIL RESERVOIRS IN THE CENTRAL TARIM BASIN USING PVT SIMULATION AND BASIN MODELING - Y. Wang^{1*}</p>	<p>¹ Guangzhou Institute of Geochemistry</p>
	<p>P39 - OIL-SOURCE CORRELATION IN THE GERMAN MOLASSE BASIN - A. Bechtel¹, M. Berling², P. David³, F. Dax¹, T.U. Garlich³, R. Gratzer¹, D. Groß¹, V. Köhler², D. Misch¹, J.E. Oriabure¹, R. Sachsenhofer^{1*}</p>	<p>¹ Montanuniversitaet Leoben; ² Neptune Energy; ³ Wintershall Holding</p>
	<p>P41 - FACTORS CONTROLLING THE DIFFERENCE BETWEEN OIL AND GAS DISTRIBUTION IN ADJACENT ZENGMU AND BARAM-SABAH BASINS - L. Lan^{1*}, Y. Li¹</p>	<p>¹ Cnooc Research Institute</p>
	<p>P42 - GENETIC TYPES OF ORGANIC MATTER AND OILS (WESTERN PART OF TIMAN-PECHORA BASIN, RUSSIA) - P. Trushkov¹, N. Oblasov^{1*}, I. Goncharov^{1,2}, V. Samoilenko¹, S. Fadeeva^{1,2}, A. Litvinova¹</p>	<p>¹ TomskNIPIneft; ² National Research Tomsk Polytechnic University</p>
	<p>P43 - ORIGIN AND ACCUMULATION OF HEAVY OILS IN THE QINGDONG SAG, BOHAI BAY BASIN, EASTERN CHINA - Z. Zhang^{1*}, H. Ge^{1,2}, D. Liu^{1,2}, J. Li^{1,2}, W. Min³, L. Zhang³</p>	<p>¹ China University Of Petroleum-beijing; ² State Key Laboratory of Petroleum Resources and Prospecting; ³ Petroleum Development Institute of Shengli Oilfield Company, SINOPEC</p>
	<p>P44 - THE ORIGIN OF HYDROCARBON FLUIDS AND FEATURES OF THE FORMATION OF OIL AND GAS FIELDS IN THE GYDAN PENINSULA - V. Samoilenko^{1*}, E. Shadrina¹, I. Goncharov^{1,2}, N. Oblasov¹, M. Veklich¹, A. Zherdeva¹</p>	<p>¹ TomskNIPIneft; ² Tomsk Polytechnic University</p>
	<p>P45 - GEOCHEMICAL CHARACTERISATION OF OILS AND SEDIMENTS FROM CUBA AND JAMAICA; IMPLICATIONS FOR THE NORTHERN CARIBBEAN PETROLEUM SYSTEM - G.L.S. Skarstein^{1*}</p>	<p>¹ University of Stavanger</p>
	<p>P46 - ORIGIN OF "IMMATURE" SALINE LACUSTRINE OILS IN THE DONGPU DEPRESSION, BOHAI BAY BASIN - S. Li^{1*}</p>	<p>¹ China University Of Petroleum-Beijing</p>
	<p>P47 - THE SOURCE OF NEWLY DISCOVERED OILS IN SOUTHERN TABEI UPLIFT, TARIM BASIN - S. Peng^{1*}</p>	<p>¹ Yangtze University</p>
	<p>P48 - PISTON CORE INTERPRETATION WORKFLOW - G. Sulisty^{1*}, J. Rooke¹, A. Pramudito¹</p>	<p>¹ BHP</p>
	<p>P49 - EFFECT OF CARBONATE CONTENT ON THE PETROPHYSICAL PROPERTIES OF THE WUFENG-LONGMAXI SHALES IN THE SICHUAN BASIN, CHINA - Y. Liao^{1*}, Y. Zheng¹, Y. Wang¹, Y. Xiong¹, P. Peng¹</p>	<p>¹ Guangzhou Institute of Geochemistry, Chinese Academy of Sciences</p>

13:30	<p>P50 - SPECIAL FEATURES OF SECONDARY MIGRATION OF HYDROCARBONS OF THE SOUTHERN PART OF CASPIAN DEPRESSION BASED ON GEOCHEMICAL ANALYSIS OF OILS - Y. Seitkhaziyev^{1*}, N. Sarsenbekov¹, S. Mukhametrahimov² ¹ Subsidiary of LLP SRI "Kazmunaygas" "Caspiiumunaygas" in Atyrau city; ² "Embamunaygas" company</p> <p>P51 - APPLICATION OF BULK KINETIC PARAMETERS OF ASPHALTENE AS OIL-OIL CORRELATION TOOLS - Z. Soltani¹, B. Alizadeh¹, H. Sarafdokht² ¹ Shahid Chamran University; ² Amir Kabir University of Technology</p> <p>P52 - A NEW METHOD TO REBUILD BASIN THERMAL HISTORY - J. Li^{1,2}, H. Zeng^{1,2}, Y. Zou^{1,2} ¹ Exploration and Development Research Institute, PetroChina Daqing Oilfield Ltd. Co.; ² Heilongjiang Provincial Key Laboratory for the Study of Tight Oil and Shale oil Accumulation</p> <p>P53 - STUDY ON HISTORY OF HYDROCARBON GENERATION AND ACCUMULATION IN BEIER DEPRESSION, HAILEAER BASIN OF CHINA - X. Wang^{1,2}, T. Liu^{1,2}, Z. Dong^{1,2}, L. Zhang^{1,2} ¹ Exploration and Development Research Institute, PetroChina Daqing Oilfield Ltd. Co.; ² Heilongjiang Provincial Key Laboratory for the Study of Tight Oil and Shale oil Accumulation</p> <p>P54 - BASIN EVOLUTION TROUGH ORGANIC GEOCHEMISTRY PATTERN OF TROYANOVO-1 MINE CORE LOG (MINI MARITSA IZTOK, BULGARIA) - Z. Milakovska^{1*}, M. Stefanova², G. Vladislavov³, S. Marinov² ¹ Geological Institute At Bulgarian Academy Of Sciences; ² Institute of Organic Chemistry; ³ Troyanovo-3 Mine OOD, Mini Maritsa Iztok EAD</p> <p>P55 - GENETIC TYPES AND CATAGENESIS OF PALEOZOIC OILS IN THE SOUTH-EAST OF WESTERN SIBERIA (RUSSIA) - S. Fadeeva^{1,2}, I. Goncharov^{1,2*}, N. Oblasov¹, M. Veklich¹, V. Samoilenko¹, A. Zherdeva¹, A. Litvinova^{1,2} ¹ TomskNIPIneft; ² National Research Tomsk Polytechnic University</p> <p>P56 - GEOLOGICAL SIGNIFICANCE OF SOLID BITUMEN PRESERVED WITHIN PHOSPHOROUS CONCRETIONS FROM THE LOWER CAMBRIAN NIUTITANG FORMATION, UPPER YANGTZE REGION - L. Yao^{1*}, N. Zhong¹, I. Khan¹, J. Ai¹, Y. Zhang¹ ¹ State Key Laboratory Of Petroleum Resources And Prospecting, China University Of Petroleum Beijing</p> <p>P57 - GEOCHEMICAL CHARACTERISTICS AND DISCUSSION ON GENETIC MECHANISM OF CRUDE OIL IN PINGHU TECTONIC BELT OF XIHU DEPRESSION - K.X. Liu^{1,2*}, J.F. Chen^{1,2}, X.J. Zhu^{1,2} ¹ State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum; ² College of Geosciences, China University of Petroleum</p> <p>P58 - THE COMPLEXITY, SECONDARY GEOCHEMICAL PROCESS, GENETIC MECHANISM AND DISTRIBUTION PREDICTION OF DEEP PETROLEUMS IN THE TARIM BASIN, CHINA - G. Zhu^{1*}, Z. Zhang¹, J. Han² ¹ Research Institute of Petroleum Exploration and Development, PetroChina; ² Research Institute of Petroleum Exploration and Development, Tarim Oilfield Company, PetroChina</p> <p>P59 - GEOCHEMICAL CHARACTERISTICS AND GENETIC RELATIONSHIP OF THE CRUDE OILS FROM THE WESTERN PART OF WEST SIBERIAN BASIN, RUSSIA - V. Kuznetsova^{1,*}, E. Ablya¹, I. Manko¹, A. Barriasad², R. Little² ¹ Lomonosov Moscow State University; ² Institute of Geology and Geochemistry of Petroleum and Coal RWTH Aachen University</p> <p>P60 - ORIGIN OF OILS IN THE CENTRAL PART OF THE WEST-KUBAN TROUGH (KRASNODAR REGION, RUSSIA) - N. Oblasov^{1*}, I. Goncharov^{1,2}, V. Samoilenko¹, M. Veklich¹, S. Fadeeva^{1,2}, M. Chudinova¹, A. Zherdeva¹, E. Shadrina¹ ¹ TomskNIPIneft; ² Tomsk Polytechnic University</p>	<p>P301 - EVOLUTION CHARACTERISTICS OF SHALE ORGANIC PORES UNDER DIFFERENT THERMAL SIMULATION SYSTEMS - Y. Zhang^{1*}, S.Z. Hu¹, Z.W. Liao², J.B. Xu², X. Zhang¹, C.B. Shen¹ ¹ China University Of Geosciences (wuhan); ² Guangzhou Institute of Geochemistry, Chinese Academy of Sciences</p> <p>P303 - OIL-OIL CORRELATION USING POLAR AND NON-POLAR FRACTIONS OF CRUDE OIL: A CASE STUDY IN IRANIAN OIL FIELDS - M. Taherinezhad^{1,2*}, A.R. Rabbani², M. Asemani², R. Swennen¹ ¹ Catholic University of Leuven; ² Amirkabir University of Technology</p> <p>P307 - THE ANALYSIS OF HYDROCARBON PROPERTIES' DIFFERENCE OF TWO TYPICAL BURIED HILL RESERVOIRS BY GC-MS, IN CHEXI SAG, BOHAI BAY BASIN - J. Li^{1*}, H. Liu¹, Y. Yang¹, Y. Wang¹, S. Wang¹ ¹ School Of Geosciences, China University Of Petroleum (east China)</p> <p>Cold Environment</p> <p>13:30</p> <p>P61 - SUBSEA PERMAFROST AND METHANE ON THE SIBERIAN-ARCTIC SHELF: SPATIAL PATTERNS, FLUX VECTORS, 3D-ISOTOPE SOURCE FINGERPRINTING - Ö. Gustafsson^{1*}, N. Shakova², I. Semiletov^{2,3,4}, J. Steinbach¹, H. Holmstrand¹, A. Wenger¹, K. Scherbakova³, A. Salyuk³, D. Kosmach³, D. Chernykh³, A. Koshurnikov⁵, V. Tumskoy⁵, L. Lobkovsky^{6,7} ¹ Stockholm University; ² Tomsk Polytechnic University; ³ Russian Academy of Sciences, Pacific Oceanological Institute; ⁴ University of Alaska; ⁵ Moscow State University; ⁶ Russian Academy of Sciences, P.P. Shirshov Institute of Oceanology, Russia; ⁷ Moscow Physical & Technical University (MFTI)</p> <p>P62 - INTEGRATED DATA-MODEL ASSESSMENT OF ORGANIC MATTER REACTIVITY IN THE CHANGING BARENTS SEA SEDIMENTS - F. Sales de Freitas^{1*}, M. Stevenson³, G. Abbott³, R. Hilton⁴, S. Henley⁵, J. Faust⁶, A. Tessin⁶, C. März⁶, M. Solan⁷, K. Hendry⁸, S. Arndt² ¹ University of Bristol; ² Université Libre de Bruxelles; ³ Newcastle University; ⁴ Durham University; ⁵ University of Edinburgh; ⁶ University of Leeds; ⁷ University of Southampton</p> <p>P63 - DEGRADATION OF PARTICULATE ORGANIC CARBON IN THE KOLYMA RIVER - K. Keskitalo^{1*}, L. Bröder¹, D. Jong¹, N. Zimov², A. Davydova², S. Davydov², T. Tesi³, P. Mann⁴, N. Haghipour⁵, T. Eglington⁵, J. Vonk¹ ¹ Vrije Universiteit, ² Northeast Science Station, Pacific Geographical Institute, Russian Academy of Sciences; ³ National Research Council, Institute of Marine Sciences; ⁴ Northumbria University; ⁵ Swiss Federal Institute of Technology</p> <p>P64 - DEGRADATION OF TERRIGENOUS ORGANIC CARBON DURING CROSS-SHELF TRANSPORT IN EAST SIBERIA AS INDICATED BY LIGNIN OXIDATION PRODUCTS - F.P. Matsubara^{1,2*}, B. Wild^{1,2}, J. Martens^{1,2}, R. Wennstrom^{1,2}, T. Tesi^{1,2}, O.V. Dudarev^{4,5}, N. Shakova^{4,6}, I. Semiletov^{4,5,6}, Ö. Gustafsson^{1,2} ¹ Stockholm University; ² Bolin Centre for Climate Research; ³ Institute of Marine Sciences, National Research Council; ⁴ Tomsk Polytechnic University; ⁵ Pacific Oceanological Institute, Russian Academy of Sciences; ⁶ International Arctic Research Center, University Alaska Fairbanks</p> <p>P65 - ORGANIC MATTER IN BOTTOM SEDIMENTS OF THE NORTHEASTERN PART OF THE KARA SEA AS AN INDICATOR OF SEDIMENTATION - I. Litvinenko^{1,2*}, A. Kursheva¹, V. Petrova¹, G. Batova¹, I. Morgunova¹, E. Gusev¹ ¹ FSBI "VNII Okranegeologia"; ² St.Petersburg State University</p> <p>P66 - ORGANIC MATTER CHARACTERISATION ALONG A RIVER DELTA TO SHELF TRANSECT IN EASTERN SIBERIA - D. Jong^{1*}, L. Bröder¹, K. Keskitalo¹, T. Tesi², N. Zimov³, A. Davydova³, N. Haghipour⁴, T. Eglington⁴, J. Vonk¹ ¹ Vrije Universiteit Amsterdam; ² National Research Council, Institute of Marine Sciences; ³ Northeast Science Station, Russian Academy of Sciences; ⁴ Swiss Federal Institute of Technology</p>
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13:30	P299 - MICROBIAL HYDROCARBON DEGRADATION POTENTIALS IN SHORELINE AND DEEP-SEA SEDIMENTS AROUND SVALBARD AND POSSIBLE WAYS FOR THEIR STIMULATION - M. Krueger ^{1*} , M. Blumenberg ¹ , N. Straaten ¹ , S. Bartholomaeus ¹ ¹ BGR	P77 - PLASTICS IN THE AIR: MOLECULAR TRACING OF THE DISTRIBUTION AND CONTRIBUTION OF PLASTICOGENIC MATERIALS IN ASIAN AEROSOLS - R. Bao ^{1*} , H. Holmstrand ¹ , A. Andersson ¹ , Ö. Gustafsson ¹ ¹ Stockholm University
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13:30	P67 - LIPID BIOMARKERS REVEAL A BACTERIAL DOMINATED ECOSYSTEM AFTER THE STURTIAN GLACIATION - L. Van Maldegem ^{1*} , M. Kipp ² , J. Hope ¹ , J. Brocks ¹ ¹ The Australian National University; ² University of Washington	P78 - THE UNITARY AND BINARY REMEDIATION BY PLANT AND MICROORGANISM ON REFINING OIL-CONTAMINATED SOIL - J. Fei ¹ , Y. Wan ^{1*} ¹ China University Of Petroleum Beijing
	P68 - COLLAPSE AND RECOVERY OF AN UPWELLING-PRODUCTIVE-ECOSYSTEM ACROSS THE CRETACEOUS-PALEOGENE MASS EXTINCTION - Y. Ovad Rosenberg ^{1,2} , S. Ashkenazi-Polivoda ³ , S. Chin ⁴ , Y. Bartov ⁵ , N. R. Thibault ⁶ , S. Feinstein ⁷ , S. Abramovich ⁸ , A. Amrani ^{1*} ¹ Hebrew University of Jerusalem; ² Geological Survey; ³ Dead Sea and Arava Sciences Center; ⁴ University of Nebraska-Lincoln; ⁵ Afek Oli & Gas; ⁶ University of Copenhagen; ⁷ Ben-Gurion University of the Negev	P79 - CO-OCCURRENCE OF ORGANIC AND INORGANIC CONTAMINANTS IN FORMER Hg-As MINING SITES - A. Lara-Gonzalo ^{1*} , M. Kruse ² , L.M. Lara-Gómez ¹ , B. Gutiérrez-Iglesias ¹ , J.L. Rodríguez-Gallego ¹ ¹ University Of Oviedo; ² Montclair State University
	P69 - KEEPING UP WITH HYDROLOGY DURING THE MESSINIAN SALINITY CRISIS - J. Krawielicki ^{1*} , C.R. Magill ² , T.I. Eglinton ¹ , D. Cosentino ³ , S. Willett ¹ ¹ ETH Zurich; ² Heriot-Watt University; ³ Università degli studi Roma Tre	P80 - FATE OF GLUCONIC ACID IN CONTEXT OF RADIOACTIVE WASTE DISPOSAL: BATCH EXPERIMENTS - C. Le Milbeau ^{1*} , P. Ollivier ² , G. Kuipers ³ , J. Lloyd ³ , A. Albrecht ⁴ , Y. Baytemur ¹ , P. Blanc ² , C. Tournassat ² , M. Boussafir ¹ ¹ Institut des Sciences de la Terre d'Orléans; ² BRGM; ³ Williamson Research Centre for Molecular Environmental Science; ⁴ Andra
	P70 - CARBON SEQUESTRATION OF POST OAE2 RECORD IN CRETACEOUS PALEOLAKE SEDIMENTS FROM THE SONGLIAO BASIN, NORTH CHINA - Z. Changfeng ^{1*} , H. Yuxin ¹ , X. Tian ¹ , C. Jianping ² , S. Yongge ¹ ¹ Zhejiang University; ² Research Institute of Petroleum Exploration and Development	P81 - INSIGHT IN ORGANIC MATTER SECONDARY TRANSFORMATION OF MARITSA IZTOK LIGNITE DUMPS - M. Stefanova ^{1*} , Z. Milakovska ² , S. Marinov ¹ ¹ Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences; ² Geological Institute, Bulgarian Academy of Sciences
	P71 - FOSSIL STEROID BIOMARKERS FROM BRAZILIAN MARINE CRUDE OILS REVEALED BY GCxGC-TOFMS AND APCI(+)FT-ICR MS - B. Araújo ^{1*} , L. Souza ¹ , F. Aquino Neto ² , D. Azevedo ² , W. Romão ¹ ¹ UFES; ² UFRJ	P82 - ORGANIC CHARACTERIZATION OF THE "TÉGULINES CLAY FORMATION", EAST PARIS-BASIN, FRANCE: BULK AND MOLECULAR INVESTIGATIONS - M. Le Meur ¹ , M. Boussafir ^{1*} , C. Le Milbeau ¹ , M. Debure ² , C. Le Rouge ² ¹ Institut des Sciences de la Terre d'Orléans; ² BRGM
	P72 - HIGH-RESOLUTION RECONSTRUCTION OF CYCLIC PALAEOCOMMUNITIES CHANGES THROUGH DEEPER TIME AT CHICXULUB IMPACT CRATER - D. Wang ^{1*} , K. Grice ¹ , E. Idiz ² , C. Cockell ³ , M. Coolen ¹ ¹ Curtin University; ² University of Oxford; ³ University of Edinburgh	P83 - ANTHROPOGENIC, BIOGENIC, AND GEOCHEMICAL MARKERS IN WATER RESERVOIRS ADJACENT TO SELF-HEATING COAL WASTE DUMPS - M.J. Fabińska ¹ , M. Miszkiewicz ^{1*} , J. Ciesielczuk ¹ , E. Szram ¹ , A. Nadudvari ² ¹ University of Silesia; ² Institute for Ecology of Industrial Areas
Gas		
13:30	P74 - COMMUNITY DYNAMICS AND METABOLIC POTENTIAL OF PETROLEUM-DEGRADING MICROBES IN THE NORTH WEST SHELF, WESTERN AUSTRALIA - D. Cheah ^{1*} , K. Grice ¹ , C. Wuchter ¹ , A.G. Scarlett ¹ , M.J.L. Coolen ¹ ¹ Western Australian Organic & Isotope Geochemistry Centre (WA-OIGC)	P84 - LATE ARCHEAN GAS FROM HYDROGEN BIODEGRADATION OF ORGANIC MATTER - Y. Gao ^{1*} , X. Xia ² ¹ University of Texas at San Antonio; ² Apache Corporation
	P75 - MICROBIAL MATS OF SHARK BAY, WESTERN AUSTRALIA, AND THEIR ROLE IN BIODEGRADATION OF OIL SPILLS - Y. Jimenez ^{1*} , K. Grice ¹ , M. Coolen ¹ , A. Scarlett ¹ ¹ Western Australian Organic and Isotope Geochemistry Centre	P85 - VALIDITY OF GEOCHEMICAL EVIDENCE FOR ABIOTIC ALKANE GAS: A REVISIT - X. Xia ^{1*} , Y. Gao ² ¹ Apache Corporation; ² University of Texas at San Antonio
	P76 - HYDROCARBON MONITORING IN COASTAL SEDIMENTS AND SOILS AROUND THE CITY OF TROMSØ: COMPLEX MOLECULAR GEOCHEMICAL APPROACH - I. Morgunova ^{1*} , A. Kursheva ¹ , V. Petrova ¹ , I. Litvinenko ^{1,2} , G. Batova ¹ , P. Renaud ³ ¹ FSBI "VNIIIOkeangeologia"; ² St.Petersburg State University, Institute of Earth Sciences; ³ Akvaplan-niva, Fram Centre for Climate and the Environment	P86 - DISSOLVED HYDROCARBON GASES AS TRACERS OF SOLUTE TRANSFER WITHIN A LOW MATURITY LITHOLOGICAL COLUMN OF EAST PARIS BASIN - R. Michels ^{1*} , I. Panfilova ² , A. Vinsot ³ , H.N. Waber ⁴ , S. Wechner ⁵ ¹ GeoRessources, CNRS-Université de Lorraine, UMR7359; ² LEMTA, CNRS-Université de Lorraine, UMR 7563; ³ Andra; ⁴ RWI, Institute of Geological Sciences University of Bern; ⁵ Hydroisotop GmbH
	P77 - COMBINED FIELD AND PYROLYtic GAS GEOCHEMISTRY DATA DETERMINE SOURCES OF GAS AND EXPULSION EFFICIENCY - P. Luo ^{1*} , K. Arouri ¹ ¹ Saudi Aramco	P87 - UNRECOGNIZED EXTENSIVE EARLY CHARGE OF BIOGENIC GAS INDICATED BY EXTREMELY 13C-DEPLETED CALCITE AND METHANE IN JUNGGAR BASIN - C. Cai ¹ , P. Yanyan ^{1*} ¹ Institute of Geology and Geophysics, Chinese Academy of Sciences
	P78 - AN EXPERIMENTAL COMPARISON OF GAS GENERATION FROM CRUDE OILS SUFFERED FROM DIFFERENT LEVELS OF BIODEGRADATION - W. Liu ^{1,2*} , Y. Liao ¹ , Y. Huang ^{1,2} ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences; ² University of Chinese Academy of Sciences	P88 - AN EXPERIMENTAL COMPARISON OF GAS GENERATION FROM CRUDE OILS SUFFERED FROM DIFFERENT LEVELS OF BIODEGRADATION - W. Liu ^{1,2*} , Y. Liao ¹ , Y. Huang ^{1,2} ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences; ² University of Chinese Academy of Sciences

<p>13:30</p> <p>P91 - THIADIAMONDIOIDS AS PROXIES TO REFLECT OIL CRACKING AND OXIDATION EXTENTS - P. Yanyan^{1*}, C. Chunfang¹ ¹ Institute Of Geology And Geophysics, Chinese Academy Of Sciences, China</p> <p>P92 - GAS SAMPLING AND PRESERVATION IN DIFFERENT LIGHT GLASS CONTAINERS - A. Ferreira^{1*}, G. Silva¹, T. Freire¹, E. Morais¹, A. Prinzhofen² ¹ PETROBRAS/CENPES; ² GeoU</p> <p>P93 - ANALYSIS OF ABNORMAL CARBON ISOTOPIC COMPOSITION OF NATURAL GAS IN THE DONGPU SAG, EAST CHINA - F. Li^{1*} ¹ College Of Geosciences, China University Of Petroleum, Beijing</p>	<p>13:30</p> <p>P104 - VARIATIONS OF POLAR NSO COMPOUNDS IN FREE AND BOUND BITUMENS FROM A THERMAL MATURATION SHALE SEQUENCE BY ESI FT-ICR MS - Y. Pan^{1,2,3*}, M. Li², Y. Sun³, Z. Li², P. Liu², Y. Liao¹ ¹ Guangzhou Institute of Geochemistry, Chinese Academy of Sciences; ² Wuxi Institute of Petroleum Geology, Sinopec Petroleum Exploration & Production Research Institute; ³ Zhejiang University</p>
<p>New Methods</p>	<p>P105 - CONTROLLING FACTORS FOR THE MOBILITY OF NSO CONTAINING COMPOUNDS DURING WATER-ROCK INTERACTIONS - A. Vieth-Hillebrand^{1*}, Y. Zhu¹, M. Noah¹, S. Poetz¹ ¹ GFZ German Research Centre for Geosciences</p>
<p>13:30</p> <p>P94 - COMPARING THE LIPIDOMES OF DIFFERENT MARINE ENVIRONMENTS - C. Boschman¹, N. Bale^{1,*}, E. Hopmans¹, A. Haas¹, L. Villanueva¹, J. Sinnighe Damsté^{1,2} ¹ Nioz; ² Utrecht University</p> <p>P95 - QUEST INTO PEPTIDE MOLECULES: UNSEEN IMPORTANT TARGETS IN ORGANIC GEOCHEMISTRY - Y. Takano^{1*}, S. Furota¹, N. Ogawa¹, N. Ohkouchi¹ ¹ JAMSTEC</p> <p>P96 - HPLC-APPI-MS DETECTION OF POLYCYCLIC AROMATIC HYDROCARBONS AND THEIR PHENANTHROPERYLENE QUINONE PRECURSORS IN FOSSIL CRINOIDS - K. Wolkenstein^{1*} ¹ Geoscience Centre, University of Göttingen</p> <p>P97 - POTENTIAL AND FUTURE APPLICATIONS OF WATER LEACHED ORGANIC MATTER IN GEOCHEMICAL STUDIES - O. Esegbeu^{1*}, T. Wagner¹, R. Pereira¹, A. Riva², G. Gambacorta² ¹ Heriot-Watt University; ² ENI SpA</p>	<p>P106 - EVALUATING ORBITRAP MASS SPECTROMETRY FOR GEOCHEMICAL CHARACTERIZATION OF CRUDE OILS - B. Gontijo Vaz^{1*}, T. Covas¹, C. Freitas¹, M. Rangel², R. Pereira², Y. Rocha² ¹ Federal University Of Goiás; ² Petrobras</p> <p>P107 - CHEMOMETRIC UNMIXING OF PETROLEUM MIXTURES BY NEGATIVE ION ESI FT-ICR MS ANALYSIS - B. Jiang^{1*} ¹ Guangzhou Institute of Geochemistry, Chinese Academy of Sciences</p>
<p>P98 - TESTING A PREPARATIVE GC WITH NOVEL FRACTIONATION APPLICATION BASED ON END-COLUMN INFUSION OF A CARRIER SOLVENT - J. Weijers^{1*}, J. Van der A¹, R. Dekker¹, J. Pureveen¹ ¹ Shell Global Solutions International B.V.</p> <p>P99 - CHARACTERIZATION OF ORGANIC COMPOUNDS USING MOMA FLIGHT-LIKE INSTRUMENTATION IN PREPARATION OF THE UPCOMING EXOMARS ROVER MISSION - H. Mißbach^{1,2*}, H. Steininger³, V. Thiel¹, W. Goetz² ¹ University of Göttingen; ² Max Planck Institute for Solar System Research; ³ OHB System AG</p> <p>P100 - MONITORING SEASONAL DYNAMICS OF BROADLEAF TREE PIGMENTS WITH A NEWLY DEVELOPED HIGH PRESSURE LIQUID CHROMATOGRAPHY METHOD - F. Petibon^{1*}, M.W.I. Schmidt¹, G.L.B. Wiesenberg¹ ¹ University of Zürich</p>	<p>P108 - CHARACTERISTICS OF NO COMPOUNDS IN SOURCE ROCKS FROM TWO DIFFERENT DEPOSITIONAL ENVIRONMENTS IDENTIFIED BY ESI FT-ICR MS - C. Kei^{1*}, S. Li, Y. Xu ¹ China University of Petroleum</p> <p>P109 - NSO COMPOUNDS IN OIL-BEARING FLUID INCLUSIONS – DEVELOPMENT OF A CLEAN-UP METHOD SUITABLE FOR FT-ICR-MS ANALYSIS - Y. Han^{1*}, M. Noah¹, V. Lüders¹, B. Horsfield¹ ¹ Helmholtz Zentrum Potsdam GFZ, German Research Center for Geosciences, Germany</p> <p>P110 - OIL GEOCHEMISTRY IN THE NORTH WESTERN DESERT OF EGYPT - A COMPREHENSIVE STUDY INCLUDING POLAR COMPOUNDS AND ISOTOPES - M. Monged^{1*}, S. Poetz¹, M. Noah¹, H. Schulz¹ ¹ GFZ-German Research Center For Geosciences</p>
<p>NSO in Petroleum</p> <p>13:30</p> <p>P101 - CONTROLLING FACTORS OF CARBAZOLE RATIOS: GENERATION, MIGRATION AND EXPULSION BEHAVIOUR - M. Stockhausen^{1*}, L. Di Paolo², S. Castellani², R. Galimberti², U. Berner³, M. Erdmann³, R. Elias⁴, F. Gelin⁴, J.H. Pedersen⁵, R. Di Primio⁵, L. Schwark¹ ¹ Christian Albrechts University of Kiel; ² Eni S.p.A.; ³ Equinor; ⁴ Total; ⁵ Lundin</p> <p>P102 - USING POLAR NSO COMPOUNDS TO IMPROVE OUR UNDERSTANDING OF RESERVOIR GEOCHEMISTRY – A CASE STUDY FROM VALHALL, NORWAY - V. Ziegs^{1*}, S. Poetz¹, B. Horsfield¹, A. Hartwig², J. Rinna², J.E. Skeie² ¹ German Research Centre for Geosciences GFZ Potsdam; ² Aker BP ASA</p>	<p>P111 - CHARACTERISTICS AND SIGNIFICANCE OF ORGANOSULFUR COMPOUNDS IN TYPICAL SALINE LACUSTRINE OILS FROM BOHAI BAY BASIN BY ESI FT-ICR MS - S. Li^{1*} ¹ China University Of Petroleum-Beijing</p> <p>P112 - TRACING HETEROGENEITIES WITH POLAR COMPOUNDS IN THE SHIRANISH FORMATION IN THE EUPHRATES GRABEN, SYRIA - S. Ismail^{1,*}, S. Pötz¹, A. Vieth-Hillebrand¹, K. Mangelsdorf¹, B. Horsfield¹, W. Dominik² ¹ Helmholtz Centre Potsdam Gfz German Research Centre For Geosciences; ² Technical University of Berlin</p> <p>P113 - DISCUSSION OF ASPHALTENE DEPOSITION BY LOCATION FROM A VIEWPOINT OF CORE-SCALE GEOCHEMISTRY DURING CO₂ EOR EXPERIMENT - H. Yonebayashi^{1,*}, K. Takabayashi¹ ¹ Inpex</p> <p>P114 - EFFECTS OF WATERFLOODING AND MEOR RECOVERY TECHNIQUES ON THE POLAR COMPOSITION OF PETROLEUM ASSESSED BY ESI (+) FT-ICR MS - G. Da Cruz^{1*}, L. Gicovate¹, L. Martins^{1,2}, L. De Araujo³, L. Brasil¹, F. Pinto⁴, W. Romão⁴, V. De Oliveira⁵ ¹ North Fluminense State University; ² GFZ-German Research Centre for Geosciences; ³ Federal University of Rio De Janeiro; ⁴ Federal University of Espírito Santo; ⁵ State University of Campinas</p>

Source Rocks

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13:30

P128 - ENRICHMENT MECHANISM OF ORGANIC MATTER IN SOURCE ROCKS OF THE 2ND MEMBER OF LIUSHAGANG FORMATION IN BEIBUWAN BASIN - L. Cao^{1,2*}, Z. Zhang^{1,2}, G. Wang^{1,2}, H. Xia^{1,2}, R. Chang^{1,2}
¹ China University of Petroleum-Beijing; ² State Key Laboratory of Petroleum Resources and Prospecting

P129 - ORGANIC GEOCHEMISTRY AND ORGANIC PETROGRAPHY OF THE BIRKHEAD AND MURTA FORMATIONS, EROMANGA BASIN, CENTRAL AUSTRALIA - J. Röth^{1*}, C. Boreham², L. Hall², R. Little¹
¹ RWTH Aachen University; ² Australian Government, Geoscience Australia

P130 - SIMULATING PYROLYSIS CURVES FOR ARBITRARY THERMAL HISTORY (REACTION KINETICS): TRANSITION STATE THEORY APPROACHING - R. Orban^{1*}
¹ Mol Plc.

P131 - ORGANIC MATTER CHARACTERISTICS VARIATION IN SOURCE ROCKS AS ONE OF THE MOST IMPORTANT FACTORS FOR GEOLOGICAL PROCESSES INVESTIGATION - M. Topchii^{1*}, N. Pronina¹, A. Kalmykov¹, G. Kalmykov¹
¹ Lomonosov Moscow State University

P132 - HETEROGENEITY OF THE LACUSTRINE SOURCE ROCKS AND THE CONTROLLING FACTORS ON THEIR DEVELOPMENT IN BEIBUWAN BASIN, CHINA - Y.C. Li^{1*}, L. Lan¹
¹ CNOOC Research Institute

P133 - THE IMPORTANCE OF EVALUATING INITIAL KEROGEN POTENTIAL AND RESTORING KINETIC SCHEMES FROM MATURE SAMPLES, A CASE STUDY FROM KUWAIT - S. AlAli^{1*}, A. AlKhamiss¹, S. AlEnezi¹, M. Dubille², G. Maury²
¹ Kuwait Oil Company; ² Beicip-Franlab

P134 - CHARACTERISTICS AND HYDROCARBON GENERATION OF PRIMARY ORGANIC MATTER IN THE TIAOHU FORMATION TUFF, SANTANGHU BASIN, NW CHINA - Z. Huang¹, J. Ma², W. Zhang¹, T. Li¹, J. Zhao^{1*}, J. Dong¹
¹ China University of Petroleum-Beijing; ² Beijing Research Institute of Uranium Geology

P135 - THE SOURCE ROCK EVALUATION AND HYDROCARBON POTENTIAL OF THE CRETACEOUS FROM THE ANZA RIFT (KENYA) BASED ON LOPATIN –WAPLES METHOD - D.D. Waga^{1*}, E. Mwachoni²
¹ University Of Nairobi; ² National Oil Corporation of Kenya

P136 - EXPERIMENTAL MODELING OF THE BAZHENOV FORMATION GAS GENERATION - R. Kashapov¹, I. Goncharov^{1,2*}, V. Samoilenko¹, N. Oblasov¹, M. Veklich¹, E. Konovalova¹, S. Fadeeva^{1,2}, A. Zherdeva¹
¹ TomskNIPIneft; ² National Research Tomsk Polytechnic University

P137 - ORGANIC MATTER OF THE LOWER CRETACEOUS AS A POSSIBLE SOURCE OF PETROLEUM IN THE NORTH-EAST OF WESTERN SIBERIA - A. Rodchenko^{1*}
¹ Trofimuk Institute Of Petroleum Geology And Geophysics Of Siberian Branch of the Russian Academy of Sciences

P138 - FABRIC EFFECT ON HYDROCARBONS FORMATION AND PROPERTIES IN ORGANIC-RICH ROCKS: A CASE STUDY OF WEST SIBERIA, RUSSIA - M. Tikhonova^{1*}, A. Baniasad², A. Kalmykov¹, G. Kalmykov¹, R. Little²
¹ Lomonosov Moscow State University; ² Institute of Geology and Geochemistry of Petroleum and Coal RWTH Aachen University

P139 - COMPARISON OF GENERATION PRODUCTS OF POTENTIAL SOURCE ROCKS IN THE OUTER CARPATHIANS IN POLAND - I.M. Matysik¹, K. Spunda¹, M. Kania¹, M. Janiga¹, W. Bieleń¹, M. Kierat¹
¹ Oil & Gas Institute-National Research Institute

<p>13:30 P140 - SOURCE ROCK CHARACTERIZATION OF PALEogene COAL AND ORGANIC RICH MUDSTONES IN XIHU SAG, OFFSHORE EASTERN CHINA - X. Zhu^{1*}, J. Chen¹ ¹ State Key Laboratory Of Petroleum Resources And Prospecting, China University Of Petroleum</p> <p>P141 - GEOCHEMISTRY OF THE ORGANIC MATTER FROM LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS IN THE OLENEK RIVER SECTION (EASTERN SIBERIA) - E.A. Fursenko^{1*}, V.A. Kashirsey¹, B.L. Nikitenko¹ ¹ Trofimuk Inst. of Petroleum Geology & Geophysics</p> <p>P306 - DISTRIBUTION AND GENESIS OF STEROID MOLECULAR FOSSILS IN FRESHWATER SEDIMENTS IN BEIBUWAN BASIN - R. Chang^{1*} ¹ State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum, Beijing, China</p>	<p>13:30 P145 - CHARACTERISTICS AND SIGNIFICANCE OF COMPOUND SPECIFIC SULFUR ISOTOPE IN TYPICAL SALINE LACUSTRINE OILS FROM BOHAI BAY BASIN - C. Ke^{1*}, S. Li, P. Greenwood, N. He, Y. Li, J. Yu, W. Shi ¹ China University of Petroleum</p> <p>P146 - SULFUR AS REACTANT AND ELECTRON TRANSFER AGENT, BSR TO TSR NEW IDEAS BASED ON 50 YEARS REVIEW - Z. Aizenshtat^{1*} ¹ Hebrew University of Jerusalem</p> <p>P147 - INFLUENCE OF SULFATE ON S.A.R.A. FRACTION OF SOLUBLE ORGANIC PRODUCT FROM THERMAL DECOMPOSITION OF KEROGEN - J. Wu^{1,2*}, W. Qi³, C. Zhang⁴, Q. Luo^{1,2}, H. Hu⁵, Q. Ma⁶ ¹ State Key Laboratory of Petroleum Resources and Prospecting; ² China University Of Petroleum (Beijing); ³ PetroChina Research Institute of Petroleum Exploration & Development - Northwest; ⁴ Institute of Natural Gas Geology, PetroChina Research Institute of Petroleum Exploration & Development; ⁵ University of Southern California; ⁶ Power Environmental Energy Research Institute</p> <p>P148 - INSIGHTS INTO AROMATIC ORGANOSULPHUR COMPOUNDS IN SOLID BITUMEN AND HEAVY OILS FROM SOUTHEAST TURKEY - H. Hosseini^{1,2*}, S. Poetz¹, B. Horsfeldt¹, H. Wilkes³, O. Kavak⁴, M.N. Yalçın⁵ ¹ GFZ German Research Centre; ² University of Calgary; ³ Carl von Ossietzky University of Oldenburg; ⁴ Dicle University; ⁵ Istanbul University</p> <p>P297 - GEOCHEMICAL ANALYSIS OF THE SULFUR-RICH LOWER EAGLE FORD ACROSS A NATURAL THERMAL MATURITY TRANSECT - K. French^{1*}, J. Birdwell¹, M. Lewan² ¹ USGS; ² USGS Scientist Emeritus</p>
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Oral Presentations | Wednesday 4 September

ROOM F4-5		ROOM F3
08:35	Announcements	
Plenary V N. Pedentchouk (University of East Anglia)		
08:40	O39 - HYDROGEN ISOTOPIC COMPOSITION OF FATTY ACIDS, STEROLS, AND PHYTOL: AUTOTROPHIC VS. HETEROTROPHIC PRODUCTION - Y. Chikaraishi ^{1*} ¹ Hokkaido University	
09:05	O40 - A MONTHLY-RESOLVED 110-YEAR BIOMARKER RECORD FROM SANTA BARBARA BASIN: INSIGHTS INTO DRIVERS OF PROXY INFORMATION - S. Alfken ^{1*} , L. Wörmer ¹ , J. Wendt ¹ , J.S. Lipp ¹ , A. Schimmelmann ² , K. Hinrichs ¹ ¹ Marum - Center For Marine Environmental Sciences, University Of Bremen; ² Department of Earth and Atmospheric Sciences, Indiana University	
09:30	O41 - BACTERIAL GMGTS IN EAST AFRICAN LAKES: SOURCES AND THEIR POTENTIAL AS PALEOTEMPERATURE INDICATORS - A. Baxter ^{2*} , E. Hopmans ² , J. Russell ³ , L. Van Bree ¹ , F. Peterse ¹ , D. Verschuren ⁴ , J. Sinnighe Damsté ² ¹ Utrecht University; ² Royal NIOZ and Utrecht University; ³ Brown University; ⁴ Ghent University	
09:55	O42 - AEROBIC OXIDATION OF METHANE AND ETHANE BY UNCONVENTIONAL MICROBES AT A TERRESTRIAL METHANE SEEP IN SICILY, ITALY - N.T. Smit ^{1*} , D. Rush ¹ , M. Van der Meer ¹ , F. Grassia ² , L. Villanueva ¹ , J. Sinnighe Damsté ^{1,3} , S. Schouten ^{1,3} ¹ NIOZ (Royal Netherlands Institute For Sea Research); ² Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Palermo; ³ Faculty of Geosciences, Utrecht University	
10:20	Coffee Break	
Plenary VI N. Marcano Balliache (Schlumberger)		
10:45	O43 - MICROBIAL METABOLIC FLUX ANALYSIS USING POSITION-SPECIFIC ¹³C-LABELLED GLUCOSE AND FRAGMENT ¹³C ANALYSIS OF PLFA - W. Wu ^{1*} , P. Dijkstra ² , M. Dippold ¹ ¹ Georg-August-University Of Göttingen; ² Northern Arizona University	
11:10	O44 - GLOBAL DRIVERS OF MARINE ORGANIC MATTER TO DEEP SEA SEDIMENTS - M. Raja ^{1*} , A. Rosell-Mele ^{1,2} ¹ Autonomous University of Barcelona; ² ICREA	
11:35	EAOG General Assembly	
12:00	Lunch Break	
13:15	Poster Sessions Wednesday/Thursday	
Cold Environment I Ö. Gustafsson (Stockholm University)		Polar Compounds in Petroleum Systems C. Turich (Schlumberger)
14:45	O45 - THE CIRCUM-ARCTIC SHELF SEDIMENT CARBON DATABASE (CASSCADE): FIRST RESULTS AND FUTURE RESEARCH PERSPECTIVES - J. Martens ^{1,2*} , B. Wild ^{1,2} , A. Andersson ^{1,2} , I. Semiletov ^{3,4,5} , N. Shakova ^{3,4} , O.V. Dudarev ^{3,5} , D. Kosmach ⁵ , A. Charkin ^{3,5} , E. Romankevich ⁶ , A. Vetrov ⁶ , L. Lobkovsky ⁶ , N. Belyaev ⁶ , R. Macdonald ⁷ , T.I. Eglinton ⁸ , Ö. Gustafsson ^{1,2} ¹ Department of Environmental Science and Analytical Chemistry (ACES), Stockholm University; ² Bolin Centre for Climate Research, Stockholm University; ³ Tomsk Polytechnic University; ⁴ University of Alaska Fairbanks, International Arctic Research Center; ⁵ Pacific Oceanological Institute FEB RAS Vladivostok; ⁶ Shirshov Institute of Oceanology; ⁷ Institute of Ocean Sciences, Department of Fisheries and Oceans; ⁸ Geological Institute, ETH Zürich	14:45 O46 - IDENTIFICATION OF NSO COMPOUNDS TRAPPED IN FLUID INCLUSIONS USING FT-ICR-MS -A CASE STUDY FROM THE PANNONIAN BASIN (HUNGARY) - M. Noah ^{1*} , H. Volk ² , F. Schubert ³ , B. Horsfield ⁴ ¹ Helmholtz Centre Potsdam GFZ German Research Centre For Geosciences; ² BP Exploration Operating Company Ltd; ³ University of Szeged; ⁴ GeoS4 GmbH
15:05	O47 - BIOMARKER SIGNALS FROM MICROBIAL MATS IN MELT WATER PONDS FROM BRATINA ISLAND ON THE McMURDO ICE SHELF, ANTARCTICA - T. Evans ^{1*} , M. Kalambokidis ¹ , I. Hawes ² , R. Summons ¹ ¹ Massachusetts Institute of Technology; ² University of Waikato	15:05 O48 - RECENT DEVELOPMENTS IN PETROLEOMICS APPROACHES FOR PETROLEUM SYSTEMS ASSESSMENT USING ULTRAHIGH RESOLUTION MASS SPECTROMETRY - FTICR-MS - T. Oldenburg ^{1*} , S.H. Hosseini ¹ , M. Brown ¹ , Y. Dos Santos Rocha ³ , R. Sachsenhofer ² ¹ University of Calgary; ² Montanuniversität; ³ PETROBRAS (CENPES)

ROOM F4-5		ROOM F3	
15:25	O49 - FATE OF TERRIGENOUS NITROGEN IN EAST SIBERIAN ARCTIC SHELF SEDIMENTS - E. Burns ^{1*} , R. Jeffreys ² , G. Wolff ² , R. Sparkes ³ , Ö. Gustafsson ⁴ , B. Wild ⁴ , I. Semiletov ⁵ , B. Van Dongen ¹ ¹ University of Manchester; ² University of Liverpool; ³ Manchester Metropolitan University; ⁴ Stockholm University; ⁵ University of Tomsk	15:25	O50 - PETROLEOMICS BY ESI(-) FT-ICR MS AS A TOOL TO ASSESS SOURCE AND THERMAL MATURITY OF BRAZILIAN CRUDE OILS - Y.S. Rocha ^{1*} , A.L.D. Spigolon ¹ , W.L. Bastos ¹ , J.P. Lopes ¹ , F.G. Leal ¹ , J.V.P. Guzzo ¹ , M.D. Rangel ¹ , B.G. Vaz ² , R.C.L. Pereira ² , J.G. Mendonça Filho ³ ¹ Petrobras; ² Federal University of Goiás; ³ Federal University of Rio de Janeiro
15:45	Coffee Break		
Cold Environment II G. Mollenhauer (Alfred Wegener Institut)		Diamondoids F. Gelin (Total)	
16:10	O51 - QUANTITY, ORIGIN AND DEGRADATION STATE OF ORGANIC MATTER IN SUBSEA PERMAFROST ON THE EAST SIBERIAN ARCTIC SHELF - B. Wild ^{1*} , N. Shakhova ² , O. Dudarev ^{2,3} , A. Ruban ² , D. Kosmach ³ , V. Turnskoy ^{4,5,6} , T. Tesi ⁷ , H. Job ⁸ , H. Alexanderson ⁸ , M. Jakobsson ¹ , A. Mazurov ² , I. Semiletov ^{2,3} , Ö. Gustafsson ¹ ¹ Stockholm University; ² Tomsk Polytechnic University; ³ Pacific Oceanological Institute, Russian Academy of Sciences; ⁴ Moscow State University; ⁵ Institute of Geography, Russian Academy of Sciences; ⁶ University of Tyumen; ⁷ Institute of Marine Sciences, National Research Council; ⁸ Lund University	16:10	O52 - A REVOLUTION IN APPLIED PETROLEUM GEOCHEMISTRY FOSTERED BY DIAMONDODIDS - M. Moldowan ^{1*} , J. Dahl ² ¹ Biomarker Technologies, Inc.; ² Stanford Institute for Materials and Energy Science, Stanford University
16:30	O53 - CHANGES IN SEDIMENTARY ORGANIC MATTER BURIAL ACROSS A RETREATING SEA ICE GRADIENT IN THE ARCTIC BARENTS SEA - M. Stevenson ^{1*} , J. Faust ² , F. Sales de Freitas ³ , S. Henley ⁴ , R. Hilton ⁵ , C. März ² , J. Godbold ⁶ , M. Solan ⁶ , A. Tessin ² , G. Abbott ¹ ¹ Newcastle University; ² University of Leeds; ³ University of Bristol; ⁴ University of Edinburgh; ⁵ Durham University; ⁶ University of Southampton	16:30	O54 - DIAMONDODIDS IN OIL-INCLUSIONS: A NOVEL TECHNIQUE TO UNRAVEL PETROLEUM MIXING - I. Atwah ^{1*} , J.M. Moldowan ² , J. Dahl ³ ¹ Texas A&M University; ² Biomarker Technologies, Inc.; ³ Stanford University
19:30	Conference Dinner and Dance Party		
02:00	End of Day 3		

Oral Presentations | Thursday 5 September

ROOM F4-5		ROOM F3	
09:25	Announcements		
Plenary VII B. van Dongen (University of Manchester)			
09:30	O55 - UNRAVELLING CARBON CYCLE CHANGE IN THE AFTERMATH OF THE K/Pg BOUNDARY EVENT - R. Pancost ^{1*} , K. Taylor ^{1,2} , C. Hollis ³ ¹ University of Bristol; ² Elementar UK Limited; ³ GNS Science		
09:55	O56 - CAROTENOIDS AS CORRELATION TOOLS AND ENVIRONMENT- AND AGE- SENSITIVE BIOMARKERS IN OILS - R. Summons ^{1*} , D. Rocher ² , X. Cui ¹ , J. Zumberge ² , J.A. Zumberge ² ¹ Massachusetts Institute of Technology; ² GeoMark Research		
10:20	Coffee Break		
Plenary VIII F. Peterse (Utrecht University)			
10:45	O57 - RADIOCARBON ANALYSIS OF ISOPRENOID AND BRANCHED GLYCEROL DIALKYL GLYCEROL TETRAETHERS IN SOILS AND FLUVIAL SEDIMENTS - H. Gies ^{1*} , D. Montlucon ¹ , N. Haghipour ¹ , M. Lupker ¹ , T.S. Van der Voort ¹ , F. Hagedorn ² , T.I. Eglington ¹ ¹ ETH Zürich; ² Swiss Federal Research Institute WSL		
11:10	O58 - A NEW TOOL BASED ON FAECAL STANOLS CAN DISTINGUISH SPECIFIC MAMMALIAN SPECIES IN MODERN AND PAST ENVIRONMENTS - L. Harrault ^{1,2,3*} , K. Milek ^{2,3} , E. Jardé ⁴ , L. Jeanneau ⁴ , M. Derrien ⁵ , R. Bindler ⁶ , J. Klaminder ⁶ , D.G. Anderson ³ ¹ Sorbonne Université UMR METIS; ² Durham University; ³ University of Aberdeen; ⁴ Université Rennes; ⁵ Sejong University; ⁶ Umeå University		

ROOM F4-5		ROOM F3	
11:35	O59 - MULTIPLE HYDROCARBON SOURCES IN THE SHEARWATER HPHT FIELD – EXPECT THE UNEXPECTED - P. Van Bergen ^{1*} , M. Gordon ¹ , B. Taylor ¹ , C. Prin ¹ , J. Watson ¹ , M. Hodzic ¹ , K. Ryzhikov ¹ , D. Jones ¹ ¹ Shell		
12:00	Lunch Break		
13:30	Poster Sessions Wednesday/Thursday		
Early Metazoic Life I R. Summons (Massachusetts Institute of Technology)		Nitrogen D. Rush (Royal NIOZ)	
15:00	O60 - RECONSIDERING THE ROLE OF ANIMALS AND PROTISTS DURING THE NEOPROTEROZOIC-CAMBRIAN TRANSITION - B. Nettersheim ^{1*} , J. Brocks ² , I. Bobrovskiy ² , C. Hallmann ¹ ¹ MPI Biogeochemistry; ² The Australian National University	15:00	O61 - HEME AS ONE OF THE KEY MOLECULES FOR CONSTRAINING MARINE BIOGEOCHEMICAL CYCLE - Y. Isaji ^{1*} , Y. Takano ¹ , N.O. Ogawa ¹ , N. Ohkouchi ¹ ¹ Japan Agency for Marine-Earth Science and Technology
15:20	O62 - PATTERNS OF STEROID SYNTHESIS IN MODERN DEMOSPONGES AND THE IDENTIFICATION OF NEW STERANE BIOMARKER TARGETS - A. Zumberge ^{1*} , P. Cárdenas ² , J.P. Duda ¹ , E. Sperling ³ , G. Love ¹ ¹ University Of California Riverside; ² Uppsala University; ³ Stanford University	15:20	O63 - A COMPOUND-SPECIFIC ISOTOPE METHOD FOR MEASURING CONTINUOUS FRACTIONAL NITRATE UTILIZATION IN THE WESTERN NORTH PACIFIC - B. Choi ^{1,2*} , H. Won ¹ , Y. Chikaraishi ^{2,3} , J. Kim ⁴ , E.J. Yang ⁴ , S. Kang ⁴ , K. Shin ¹ ¹ Hanyang University; ² Hokkaido University; ³ Japan Agency for Marine-Earth Science and Technology; ⁴ Korea Polar Research Institute
15:40	O64 - TRACING THE DIAGENETIC ORIGIN OF NEOPROTEROZOIC 26-ALKYLSTERANES - L. Van Maldegem ^{1,2,3*} , B. Nettersheim ^{1,2} , A. Leider ^{1,2} , J. Brocks ³ , C. Hallmann ^{1,2} ¹ Max Planck Institute for Biogeochemistry; ² MARUM- Center for Marine Environmental Sciences; ³ The Australian National University	15:40	O65 - REMARKABLE FRACTIONATION OF NITROGEN ISOTOPES IN ANAEROBIC AMINO ACID METABOLISMS - Y. Takizawa ^{1*} , Y. Chikaraishi ¹ ¹ Institute of Low Temperature Science
16:00	Coffee Break		
Early Metazoic Life II G. Love (University of California, Riverside)		Proxies Y. Huang (Brown University)	
16:30	O66 - LATE EDIACARAN MARINE SHELF ENVIRONMENTS: EVIDENCE FOR NUTRIENT CONTROL ON LOCAL COMMUNITY STRUCTURE AND PRODUCTIVITY - K. Pehr ^{1*} , G. Love ¹ , A. Hoffmann ¹ , A. Kuznetsov ² , V. Podkovyrov ² , C. Junium ³ , L. Shumlyansky ⁴ , T. Sokur ⁴ , A. Bekker ¹ ¹ University of California, Riverside; ² Institute of Precambrian Geology and Geochronology; ³ Syracuse University; ⁴ National Academy of Sciences of Ukraine	16:30	O67 - BALTIC SEA ALKENONES: NOVEL INSIGHTS INTO DISTRIBUTION CHANGES AND HYDROGEN ISOTOPE RATIOS DURING THE HOLOCENE - G. Weiss ^{1*} , B. Massalska ¹ , R. Hennekam ¹ , G. Reichart ^{1,2} , J. Sinnighe Damste ^{1,2} , S. Schouten ^{1,2} , M. Van der Meer ¹ ¹ Royal Netherlands Inst. for Sea Research (NIOZ); ² Utrecht University, Faculty of Geosciences
16:50	O68 - REINTERPRETATION OF THE STERANE/HOPANE RATIO AND STERANE HOMOLOG DISTRIBUTIONS - I. Bobrovskiy ^{1*} , J.M. Hope ¹ , J.J. Brocks ¹ ¹ Australian National University	16:50	O69 - A NOVEL SEDIMENTARY REDOX PROXY BASED ON BACTERIAL DIALKYL GLYCEROL DIETHER (DGD) LIPIDS IN MODERN & PLIO/PLEISTOCENE SAMPLES - D. Naafs ^{1*} , R.D. Pancost ¹ , J. Blewett ¹ , V. Lauretano ¹ , J. Heftet ² , R. Stein ² , G.H. Haug ³ ¹ University Of Bristol; ² Alfred Wegener Institute for Polar and Marine Research; ³ Max Planck Institute for Chemistry
17:10	O70 - READING THE SIBERIAN RECORD: UNRAVELLING THE GEOBIOLOGY OF THE EDIACARAN KHATYSPY LAGERSTÄTTE (ARCTIC SIBERIA, RUSSIA) - J. Duda ^{1,2*} , V.I. Rogov ^{3,4} , D.S. Melnik ^{3,4} , G.D. Love ¹ , M. Blumenberg ⁵ , D.V. Grazhdankin ^{3,4} ¹ University of California Riverside; ² University of Göttingen; ³ Siberian Branch Russian Academy of Sciences; ⁴ Novosibirsk State University; ⁵ Federal Institute for Geosciences and Natural Resources (BGR)	17:10	O71 - HYDROGEN ISOTOPIC VALUES OF LONG-CHAIN DIOL ISOMERS IN SEDIMENTS ACROSS A SALINITY GRADIENT - J. Lattaud ^{1*} , Z. Erdem ¹ , D. Rush ¹ , M. Van der Meer ¹ , E. Hopmans ¹ , J. Sinnighe Damsté ¹ , G. Weiss ¹ , S. Schouten ¹ ¹ Royal Netherlands Inst. for Sea Research (NIOZ)
17:35	Geochemical Society OGD Treibs Award		
18:00	End of Day 4		

Poster Presentations | 4-5 September

Coal

13:15	P149 - GEOCHEMICAL CHARACTERISTICS OF COAL SEAM BIODEGRADATION - B. Campbell ^{1,*} , S. Gong ² , S. George ¹ , T. Vergara ² , S. Vick ¹ , A. McLeish ¹ , N. Tran-Dinh ² , D. Midgley ² ¹ Macquarie University; ² CSIRO Energy
	P150 - GEOCHEMICAL CHARACTERISTICS AND THERMAL IMULATION OF ORDOVICIAN SOURCE ROCKS OF LOWER PALEOZOIC IN ORDOS BASIN, CHINA - Q. Li ^{1,*} ¹ China University Of Geosciences
	P151 - ORGANIC GEOCHEMISTRY AND PETROGRAPHY OF COAL CLASTS DEPOSITED IN PENNSYLVANIAN SANDSTONES (UPPER SILESIAN COAL BASIN, POLAND) - M. Misz-Kennan ^{1,*} , M.J. Fabianska ¹ , J. Ciesielczuk ¹ , P. Filipiak ¹ , D. Jura ¹ ¹ University of Silesia
	P152 - MACERAL AND BIOMARKER COMPOSITION OF LIGNITE LITHOTYPES – IMPLICATIONS ON PALAEOENVIRONMENT AND GRINDABILITY PROPERTIES - D. Mitrovic ¹ , N. Dokovic ¹ , D. Zivotic ¹ , M. Obradovic ¹ , A. Bechtel ² , K. Stojanovic ^{1,*} ¹ University of Belgrade; ² Montanuniversität Leoben
	P153 - COMPARATIVE GEOCHEMICAL AND PYROLYTIC STUDY OF BOLSOVIAN COALS, ASSOCIATED KEROGENS, AND ISOLATED MACERALS - L. Zieger ^{1,*} , R. Littke ¹ , C. Hartkopf-Fröder ² ¹ RWTH Aachen University; ² Geological Survey North Rhine-Westphalia
	P154 - KINETIC MODELING OF WESTPHALIAN COALS: INSIGHTS FROM ARTIFICAL HEATING EXPERIMENTS ON A MATURITY SEQUENCE - F. Froidl ^{1,*} , A. Baniasad ¹ , L. Zieger ¹ , R. Littke ¹ ¹ RWTH Aachen
	P155 - PETROLOGY AND GEOCHEMISTRY OF THE DEVONIAN PAPER COAL FROM NORTHWESTERN CHINA - D. Song ^{1,*} , N. Zhong ¹ , D. He ² ¹ China University Of Petroleum (beijing); ² China University of Geosciences,
	P156 - EVALUATION OF SOURCE ROCK POTENTIAL OF COAL USING ITS PETROPHYSICAL CHARACTER - H. Sato ^{1,*} , A. Okui ² ¹ Idemitsu Petroleum Norge As; ² Idemitsu Kosan Co., Ltd

Diamondoids

13:15	P157 - DIAMONDODS AND AGE-RELATED BIOMARKERS IN ASPHALTENES USED TO DETERMINE CO-SOURCED-OIL SOURCES IN LLANOS BASIN, COLOMBIA - M. Moldowan ^{1,*} , V. Blanco-Velandia ² , Y. Blanco-Velandia ² , C. Orejuela-Parr ² , J. Dahl ³ ¹ Biomarker Technologies, Inc.; ² Instituto Colombiano del Petróleo; ³ Stanford University
	P158 - HIGHER DIAMONDODS FINGERPRINTS IN PETROLEUM: WHY IS EACH OIL FAMILY UNIQUE? - J. Dahl ^{1,*} , J.M. Moldowan ² ¹ Stanford University; ² Biomarker Technologies Int. Inc.
	P159 - RETARDATION OF DIAMONDOD generation AND ISOMERISATION IN COALS AND IMPLICATIONS FOR CALIBRATING MATURITIES OF COAL-SOURCED OILS - R. Sykes ^{1,*} , P.E. Johansen ² ¹ GNS Science; ² Applied Petroleum Technology
	P160 - SOURCE AND THERMAL MATURITY OF CRUDE OILS IN THE JUNGGAR BASIN, NORTHWEST CHINA: DETERMINED FROM THE DIAMONDOD INDICES - Y. Li ^{1,*} , Y. Xiong ¹ , W. Jiang ¹ ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences

13:30

P161 - DIAMONDODS AND THIADIAMONDODS CONCENTRATIONS AS INDEX TO DESCRIBE DIFFERENT TYPE OILS SUFFERED SECONDARY ALTERATION - A. Ma ^{1,*} , H. Li ¹ , Y. Gu ¹ ¹ Petroleum Exploration & Production Research Institute
P162 - UNRAVELLING THE SOURCE ROCKS OF THE CRETACEOUS FIKA SHALES OF NIGERIA CHAD BASIN THROUGH QUANTITATIVE DIAMONDOD ANALYSES - O.G. Nwaobi ^{1,*} , A. Bomai ¹ , A. Suleiman ¹ , M.S. Ali ¹ , R. Dauda ¹ , M. Kaumi ¹ , S.D. Moses ¹ ¹ Nigerian National Petroleum Corporation
P163 - BIOMARKER, DIAMONDOD HYDROCARBONS AND INDIVIDUAL CARBON ISOTOPES OF CRUDE OILS IN TAZHONG AND TABEI UPLIFT IN TARIM BASIN, NW CHINA - S. Yu ^{1,*} , C. Zhou ¹ , W. Huang ¹ , C. Pan ¹ ¹ Guangzhou Institute of Geochemistry
P164 - DIAMONDODS AS TRACERS OF LATE GAS CHARGE IN OIL RESERVOIRS: EXAMPLE FROM THE TAZHONG AREA, TARIM BASIN, CHINA - G. Zhu ^{1,*} , Z. Zhang ¹ , A. Milkov ² , H. Yang ³ ¹ Research Institute of Petroleum Exploration and Development, PetroChina; ² Colorado School of Mines, Golden; ³ Research Institute of Petroleum Exploration and Development, Tarim Oilfield Company, PetroChina
P165 - CONTROLS ON THE EARLY CAMBRIAN WELL-DEVELOPED HYDROCARBON SOURCE ROCKS IN CRATONIC BASINS, CHINA - T. Li ^{1,*} ¹ Research Institute Of Petroleum Exploration & Development, Petrochina
P305 - ORIGIN OF DEEP OIL ACCUMULATIONS IN RESERVOIRS WITHIN NORTH TARIM BASIN: INSIGHTS FROM MOLECULAR AND ISOTOPIC COMPOSITIONS - B. Cheng ^{1,*} , H. Liu ¹ , Z. Cao ² , X. Wu ² , Z. Chen ¹ ¹ China University Of Petroleum (east China); ² Northwest Oilfield Company, SINOPEC

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P166 - ANALYSIS OF BIOMARKERS FROM EDIACARAN FOSSILS: BRINGING TOGETHER PALAEOONTOLOGY AND ORGANIC GEOCHEMISTRY - I. Bobrovskiy ^{1,*} , J.M. Hope ¹ , J.J. Brooks ¹ ¹ Australian National University
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P167 - CHARACTERIZING BITUMENS AND KEROGENS FROM LAKE MAGADI CHERTS, PLEISTOCENE ANALOGS FOR ARCHEAN HYDROTHERMAL DEPOSITS - M. Reinhardt ^{1,2,*} , W. Goetz ¹ , J. Duda ³ , C. Heim ² , J. Reitner ^{2,4} , V. Thiel ² ¹ Planets and Comets, Max Planck Institute for Solar System Research; ² Geobiology, Geoscience Centre, University of Göttingen; ³ Department of Earth Sciences, University of Riverside; ⁴ Origin of Life Group, Göttingen Academy of Sciences and Humanities
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P168 - GEOCHEMICAL RECORDS OF TWO EDIACARAN-EARLY CAMBRIAN STRATA IN SOUTH CHINA: IMPLICATION FOR THEIR PALEOENVIRONMENTAL EVOLUTION - Q. Deng ^{1,2*} , J. Xu ^{1,2} , B. Cheng ¹ , Z. Wei ^{1,2} , Z. Liao ¹ ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences; ² University of Chinese Academy of Sciences, China

P170 - REASSESSING THE SYNGENEITY OF BIOMARKERS FROM SOUTH CHINA: LATE NEOPROTEROZOIC OR NOT? - J. Ai ^{1,*} , S. George ¹ , N. Zhong ² ¹ Macquarie University; ² China University of Petroleum-Beijing

P171 - THE OCCURRENCE OF EXTENDED TRICYCLIC TERPANES IN THE PROTEROZOIC AND PALEOZOIC - T. Liyanage ^{1,*} , L. Van Maldegem ¹ , C. Boreham ² , J. Hope ¹ , J. Brocks ¹ ¹ The Australian National University; ² Geoscience Australia
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<p>13:15</p> <p>P172 - THE PALEOPROTEROZOIC MCARTHUR RIVER (HYC) ZN/PB DEPOSIT AND CONTROVERSIAL HYPOTHESES OF ITS ORIGIN - G. Vinnichenko^{1*}, J. Hope¹, A. Jarrett², J. Brocks¹ ¹ Australian National University; ² Geoscience Australia</p> <p>P174 - MOLECULAR MARKER COMPOSITIONS OF OILS FROM THE MESOPROTEROZOIC RESERVOIRS IN THE LIAOXI DEPRESSION, NORTHEAST CHINA - M. Li^{1*}, Y. Tang¹, D. He¹, X. Jiang¹, H. Xiao², J. Leng², W. Wang² ¹ Yangtze University; ² China University of Petroleum-Beijing</p> <p>P175 - DEPOSITION OF THE KHATYSPYT FACIES, NORTHEASTERN SIBERIA - D. Melnik^{1,2*}, T. Parfenova^{1,2}, D. Grazhdankin^{1,2}, V. Rogov¹ ¹ Trofimuk Institute Of Petroleum Geology And Geophysics, Siberian Branch Of Russian Academy Of Sciences; ² Novosibirsk State University</p> <p>P176 - CARBON ISOTOPES OF CHLOROBIAEAE-DERIVED ARYL ISOPRENOIDS OF THE EARLY CAMBRIAN IN THE TARIM BASIN - J. Su^{1*} ¹ PetroChina Exploration & Development Research Inst</p> <p>P177 - ASSESSING HYDROCARBON BIOMARKERS RELEASED FROM ARCHEAN ROCKS AFTER HYDROCHLORIC ACID TREATMENT (BITUMEN II) - C.A. Peters^{1,2*}, Y. Hoshino^{1,3}, S.C. George¹ ¹ Macquarie University; ² Saint Mary's University; ³ Georgia Institute of Technology</p> <p>P178 - C16 AND C18 PREDOMINANCE IN N-ALKYL-CYCLOHEXANES: A POSSIBLE EVIDENCE FOR ACIDOPHILIC THERMOPHILIC BACTERIA CONTRIBUTION TO THE MESOPROTEROZOIC BLACK SHALES - C. Wang^{1*} ¹ China University of Petroleum (Beijing)</p>	<p>13:15</p> <p>P185 - THE CHARACTER AND ORIGIN OF ABNORMAL HEAVY CARBON ISOTOPE COMPOSITION IN SEDEMENTARY ORGANIC MATTER - Z. Chen^{1*}, J. Chen¹, C. Fei¹ ¹ State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum</p> <p>P186 - THE EFFECT OF BIODEGRADATION ON THE CARBON ISOTOPIC COMPOSITION OF FLUIDS IN LODOCHNOYE FIELD (RUSSIA) - I. Goncharov^{1,2*}, M. Veklich¹, V. Samoilenko¹, N. Oblasov¹, P. Trushkov¹, A. Zherdeva¹, S. Fadeeva^{1,2} ¹ TomskNIPIneft; ² National Research Tomsk Polytechnic University</p> <p>P187 - PYROLYSIS TEMPERATURE EFFECT ON GASEOUS HYDROCARBONS ISOTOPE COMPOSITION ON THE EXAMPLE OF GEOLOGICAL SAMPLES (PY-GC-IRMS) - M. Janiga^{1*}, M. Kania¹, M. Kierat¹, I.M. Matysik¹, K. Spunda¹ ¹ Oil & Gas Institute-National Research Institute</p> <p>P188 - CARBON ISOTOPIC COMPOSITION OF EXTRACTS FROM THE ROCKS OF THE BAZHENOV FORMATION OF VARIOUS CATAGENESIS - I. Goncharov^{1,2}, V. Samoilenko^{1*}, N. Oblasov¹, M. Veklich¹, A. Zherdeva¹, E. Shadrina¹ ¹ TomskNIPIneft; ² National Research Tomsk Polytechnic University</p>
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¹ University of Bristol; ² Université Libre de Bruxelles
- P197 - THE CONTRIBUTION FROM PARTICULATE ORGANIC CARBON (POC) TO DISSOLVED ORGANIC CARBON (DOC) IN EUTROPHIC LAKE TAIHU, CHINA** - Y. Xu^{1*}, Y. He, Y. Sun, J. Pang¹ Zhejiang University
- P199 - THE SCIENTIFIC EVOLUTION OF RIVERINE INVISIBLE DISSOLVED ORGANIC MATTER** - S. Trojahn^{1*}, T. Wagner¹, J. Bischoff¹, A. Pickard², B.M. Spears², R. Pereira¹
¹ Lyell Centre, Heriot-Watt University; ² Centre for Ecology and Hydrology
- P200 - REDUCTION OF AIR-SEA GAS EXCHANGE BY SURFACTANTS IN THE NORTH SEA AND ATLANTIC OCEAN** - R. Pereira^{1*}, I. Ashton², B. Sabbaghzadeh³, K. Schneider-Zapp³, J.D. Shutler², R.C. Upstill-Goddard³
¹ Lyell Centre, Heriot-Watt University; ² School of Geography, University of Exeter; ³ School of Natural and Environmental Sciences, Newcastle University
- P201 - BOUND BIOMARKERS IN SEDIMENTS FROM LAKE FUXIAN (CHINA) INDICATING THE INCREASED EUTROPHICATION** - L. Wu^{1*}, X. Fang¹, Y. Zhang², A. Geng¹
¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences; ² School of Geography, South China Normal University
- P202 - HYDROLOGICAL MANAGEMENT INDUCED SPATIAL-TEMPORAL VARIATIONS IN OPTICAL AND MOLECULAR COMPOSITION OF DISSOLVED ORGANIC MATTER IN THREE GORGES RESERVOIR** - W. Kai^{1*}, P. Yu¹, H. Chen², L. Penghui³, X. Shangbin⁴, S. Yongge¹, S. Quan², H. Ding¹
¹ Zhejiang University; ² China University of Petroleum; ³ Southern University of Science and Technology; ⁴ China Three Gorges University
- P204 - TRACING THE SOURCES OF ORGANIC MATTER IN THE SEINE ESTUARY (NW FRANCE): A LIPID BIOMARKER APPROACH** - A. Huguet^{1*}, A. Thibault¹, C. Anquetil¹, S. Derenne¹
¹ Sorbonne Université UMR METIS
- P205 - LIPIDS OF MICROORGANISMS INVOLVED IN THE NITROGEN CYCLE OF THE BENGUELA UPWELLING** - Z. Van Kemenade^{1*}, L. Villanueva¹, E. Hopman¹, Z. Erdem¹, P. Kraal¹, J. Sinnighe Damsté¹, D. Rush¹
¹ NIOZ
- P206 - LIPID BIOMARKER PATTERNS REFLECT DIFFERENT FORMATION ENVIRONMENTS OF MUSSEL- AND TUBEWORM-DOMINATED SEEP CARBONATES FROM THE GULF OF MEXICO** - H. Guan^{1*}, D. Feng², D. Birgel³
¹ Guangzhou Institute Of Energy Conversion, Chinese Academy Of Sciences; ² CAS Key Laboratory of Ocean and Marginal Sea Geology, South China Sea Institute of Oceanology, Chinese Academy of Sciences; ³ Institut für Geologie, Centrum für Erdsystemforschung und Nachhaltigkeit, Universität Hamburg
- P207 - LIPID BIOMARKERS AS INDICATORS OF ORGANIC MATTER INPUTS IN AN AMAZONIAN CORE** - V. Pereira^{1*}, A. Lopes¹, R. Cordeiro², D. Azevedo¹
¹ Federal University of Rio de Janeiro; ² Fluminense Federal University
- P208 - ORGANIC MATTER PRODUCTIVITY AND PRESERVATION SIGNALS, LAKE BAFA BASIN (AEGEAN SEA, TURKEY)** - O. Bulkan^{1,2*}, M.N. Çağatay³, B. Toksoy¹, B. Yalamaz³
¹ İstanbul University Cerrahpaşa; ² Swiss Federal Institute of Aquatic Science and Technology; ³ İstanbul Technical University

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- P209 - INFLUENCE OF BIOTURBATORS ON THE QUALITY OF ORGANIC MATTER IN THE NORTH INTERTIDAL MUDFLAT OF THE SEINE ESTUARY (FRANCE)** - A. Huguet^{1*}, J. Lebrun-Thaumont¹, J. Maubert¹, C. Anquetil¹, J. Morelle², F. Orvain², M. Sourzac³, E. Parlanti³
¹ Sorbonne Université UMR METIS; ² Université de Caen UMR BOREA; ³ Université de Bordeaux UMR EPOC

- P210 - LIFE SIGNATURES AND ORGANIC MATTER PRESERVATION AT THE CATHEDRAL HILL HYDROTHERMAL VENT SITE, GUAYMAS BASIN, GULF OF CALIFORNIA** - G.T. Ventura^{1*}, J. Bentley¹, C. Dalzell¹, C. Peters¹, R. Nelson², C. Reddy², C. Walters³, M. Higgins³, J. Seewald², S. Sievert²
¹ Saint Mary's University; ² Woods Hole Oceanographic Institution; ³ ExxonMobil Research and Engineering

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- P211 - ROCK-EVAL 7S: TECHNOLOGY AND PERFORMANCE** - V. Lamoureux-Vari^{1*}, J. Espitalié², D. Pillot¹, N. Bouton², B. Garcia¹, R. Antonas², A. Aboussou¹, A. Wattripont², H. Ravelojaona¹, S. Noire², V. Beaumont¹
¹ IFP Energies nouvelles; ² Vinci Technologies

- P212 - NMR-PETRO ANALYSIS; A NOVEL METHODOLOGY FOR MOLECULAR INDICATORS USING STATISTICAL PATTERN RECOGNITION** - K. Asahina^{1*}, T. Nemoto¹
¹ National Institute of Advanced Industrial Science And Technology

- P213 - SPECIFICATIONS FOR CARBONATE CONTENT QUANTIFICATION IN RECENT MARINE SEDIMENTS USING ROCK-EVAL PYROLYSIS** - A. Wattripont^{1*}, F. Baudin¹, M. De Rafélis², J. Decocinck³
¹ Sorbonne Université, ISTeP, UMR7193; ² GET, Université de Toulouse, CNRS, IRD, UPS; ³ Université de Bourgogne Franche-Comté, CNRS, Biogéosciences

- P214 - THE APPLICABILITY OF ASPHALTENE TREATMENT (MILD OXIDATION AND PYROLYSIS) IN THE INVESTIGATION OF CRUDE OILS** - N. Vukovic¹, H.P. Nytoft², K. Stojanovic^{3*}
¹ NTC NIS-Naftagas d.o.o.; ² Geological Survey of Denmark and Greenland (GEUS); ³ University of Belgrade

- P215 - ON-LINE COMPOUNDS RECOVERY SYSTEM COUPLED TO A ROCK-EVAL® DEVICE TO CHARACTERIZE LIQUID AND SOLID SAMPLES** - P. Cadeau¹, M. Romero-Sarmiento^{1*}, O. Sissmann¹, V. Beaumont¹
¹ IFP Energies Nouvelles

- P216 - CARBON ISOTOPES FROM MUD GAS: LAB IRMS OR WELLSITE LASER-ASSISTED TECHNOLOGIES?** - B. Cecconi^{1*}, R. Galimberti¹
¹ Geolog Technologies

- P217 - USE OF ELECTRON PARAMAGNETIC RESONANCE (EPR) TECHNIQUE TO ESTIMATE PETROLEUM QUALITY AND BIODEGRADATION EXTENT** - C.R. Abreu^{1*}, A.A.G. Carrasquilla¹, E.S. Souza¹, L.L. Martins¹, A.O. Guimarães¹
¹ North Fluminense State University

- P218 - MOLECULAR TRANSFORMATIONS DURING CATALYTIC UPGRADING OF BITUMEN: TOWARDS MONITORING UNDERGROUND REACTORS** - N. Marciano Balliache^{1*}
¹ Schlumberger

- P219 - THE INFLUENCE OF DEGRADATION ON GEOCHEMICAL CHARACTERIZATION AND MORPHOLOGY OF ASPHALTENES BY SCANNING ELECTRON MICROSCOPY** - L. Rodrigues Rocha^{1*}, E. Soares de Souza¹, J. Mortatti², H.J. Severiano Pontual Ribeiro¹, T. Fortinini Brito¹, L. Bonfim¹, C. Amorim¹
¹ North Fluminense State University; ² São Paulo University

- P296 - EMERGING TECHNIQUES AND METHODS FOR IMPROVING CORE-TO-OIL & OIL ZONE PRODUCTION CORRELATIONS IN RESERVOIR GEOCHEMISTRY** - C. Barrie^{1*}, C. Donohue¹, A. Zumberge¹, D. Rocher¹, B. Jarvie¹, K. Taylor²
¹ Geomark Research; ² Elementar UK

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13:15	<p>P220 - GDGT PROXIES APPROACH TO THE RECONSTRUCTION OF INDIAN SUMMER MONSOON VARIABILITY DURING THE LAST 1,460,000 YEARS - M. Yamamoto^{1*}, S. Clemens²</p> <p>¹ Hokkaido University; ² Brown University</p>	<p>P232 - BITUMINOUS COALS FROM SVALBARD AND NE GREENLAND – BIOMARKERS HINT AT A CLOSELY RELATED PALAEOSETTING DURING THE PALAEOGENE - M. Blumenberg^{1*}, P. Weniger¹, J. Kus¹, H. Paech¹, G. Scheeder¹, M. Jochmann², L. Reinhardt¹</p> <p>¹ Federal Inst. for Geosciences & Natural Resources; ² UNIS</p>
	<p>P221 - PALEOENVIRONMENTAL RECONSTRUCTION OF THE HOLOCENE BEERBERG PEATLAND SEQUENCE (THURINGIA, GERMANY) - THE ADDED VALUE OF INVERSED MODELING OF BIOMARKER COMPOSITION - S. Bernasconi¹, C. Thomas¹, K.H. Knorr², A. Huguet³, B. Jansen⁴, G. Wiesenberg^{1*}</p> <p>¹ University of Zurich; ² University of Münster; ³ Sorbonne Université; ⁴ University of Amsterdam</p>	<p>P233 - ENVIRONMENTAL CHANGES IN TANZANIA DURING HOLOCENE: NEW INSIGHTS FROM HYDROXYLATED BIOMARKERS (ABUNDANCE AND ^{13}C) - A. Huguet^{1*}, L. Rouyer¹, C. Anquetil¹, M. Mendez-Millan², S. Coffinet³, T.T. Nguyen Tu¹</p> <p>¹ Sorbonne Université UMR METIS; ² IRD UMR LOCEAN; ³ MARUM/University of Bremen</p>
	<p>P222 - PARTICLE SIZE FRACTIONATION OF WINDBORNE ORGANIC MATTER: PALAEOCLIMATIC IMPLICATIONS - N. Penalva Arias^{1*}, S. Monteagudo¹, A. Macià¹, A. Rosell-Mele^{1,2}</p> <p>¹ Autonomous University of Barcelona; ² ICREA</p>	<p>P234 - USING STABLE CARBON ISOTOPES IN N-ALKANES FOR PALAEORECONSTRUCTION OF LOCAL CONDITIONS IN MANGROVE-LIKE LATE CRETACEOUS ENVIRONMENT (PECÍNOV, CZECHIA, CENTRAL EUROPE) - P. Zahajská^{1,3*}, J. Kváček²</p> <p>¹ Institution of Geology and Palaeontology, Charles University; ² Department of Palaeontology, National Museum Prague; ³ Department of Geology, Lund University</p>
	<p>P223 - TEMPERATURE, HYDROLOGY AND OCEAN REDOX DYNAMICS OFF LOWER CRETACEOUS EASTERN ANTARCTICA (ODP 692, WEDDELL SEA) - L. Cavalheiro^{1*}, E. Erba¹, T. Wagner², C. Magill², O. Esegbue², P. Hofmann³, G. Gambacorta⁴</p> <p>¹ Department of Earth Sciences, Milan University; ² Lyell Centre, Heriot-Watt University; ³ Department of Geology, Cologne University; ⁴ ENI SpA</p>	<p>P235 - PALEOCLIMATE RECORDED IN 13.0 ~4.3MA BY N-ALKAN-ONES IN LACUSTRINE SEDIMENTS IN LINXIA BASIN, NE TIBETAN PLATEAU - D. He¹</p> <p>¹ Yangtze University</p>
	<p>P224 - SECULAR VARIATIONS IN $\delta^{13}\text{C}$ OF MARINE AND TERRESTRIAL KEROGEN AND THE ATMOSPHERIC PCO₂ BUDGET THROUGH TIME - C. Clayton^{1*}</p> <p>¹ Independent Consultant</p>	<p>P236 - A NOVEL CLIMATE PATTERN-SPRING DOWNPOUR REVEALED BY THE HYDROGEN ISOTOPE OF N-ALKANE, IN SOUTHEASTERN CHINA, DURING H1 AND YD - B. Zhao¹, X. Huang², J. Hu¹, J. Shu³</p> <p>¹ Guangzhou Institute of Geochemistry, Chinese Academy of Sciences; ² China University of Geosciences; ³ Nanjing Institute of Geology and Palaeontology, Chinese Academy of Science</p>
	<p>P225 - A DOMINANCE OF THE EAST ASIAN MONSOON IN THE SOUTHEAST QAIDAM BASIN DURING THE MID- TO LATE HOLOCENE - S. Zhao^{1*}, W. Sun¹, H. Pei¹, H. Yang¹, S. Xie¹</p> <p>¹ China University Of Geosciences</p>	<p>P237 - MOLECULAR BIOMARKERS FOR PALAEOENVIRONMENTS RECONSTRUCTIONS DURING THE EARLY PLEISTOCENE AT THE GATE OF EUROPE - L. Grasset^{1*}, D. Kostopoulos², G. Merceron¹</p> <p>¹ University of Poitiers; ² Aristotle University</p>
	<p>P226 - A DRYING MID-HOLOCENE IN THE MIDDLE SUBTROPICAL REGIONS OF CHINA - X. Huang^{1*}, B. Zhao¹, H. Zhang¹, J. Hu², Q. Ni¹</p> <p>¹ China University Of Geosciences (Wuhan); ² Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences</p>	<p>P238 - CLIMATE IMPACTS ON HYDROLOGY AND VEGETATION OF THE MKHUZE WETLAND SYSTEM (KWAZULU-NATAL, SOUTH AFRICA) IN THE RECENT PAST - J. Gensel^{1*}, A. Hahn¹, M. Humphries², M. Zabel¹, E. Schefuß¹</p> <p>¹ MARUM - Center for Marine Environmental Sciences, University of Bremen; ² Molecular Sciences Institute, University of the Witwatersrand</p>
	<p>P227 - CENOZOIC CLIMATE RECONSTRUCTIONS ASSOCIATED WITH THE FORMATION OF TIBET AND THE BIODIVERSIFICATION OF TERRESTRIAL ECOSYSTEMS - C.R. Witkowski^{1*}, V. Lauretano¹, J.P. Mayser¹, R.A. Spicer^{2,3}, T. Su², Z.K. Zhou², T.E. Spicer⁴, P.J. Valdes⁵, A. Farnsworth⁶, R.D. Pancost¹</p> <p>¹ School of Earth Sciences, University of Bristol; ² Key Laboratory of Tropical Forest Ecology, Chinese Academy of Sciences; ³ School of Environment, Earth and Ecosystem Sciences, The Open University; ⁴ Institute of Botany, Chinese Academy of Sciences; ⁵ School of Geographical Sciences, University of Bristol</p>	<p>P239 - THE UPLIFT EVENT OF THE NORTHEASTERN TIBETAN PLATEAU RECORDED BY BRANCHED GDGTS PALEOTHERMOMETER DURING THE LATE MIocene - Y. Bai^{1,2*}, C. Chen^{2,3}, X. Fang^{1,2,3}, H. Guo², Q. Meng², W. Zhang^{1,2}, P. Zhou², M. Azamdzhoi^{2,3}</p> <p>¹ CAS Center for Excellence in Tibetan Plateau Earth Sciences, Chinese Academy of Sciences; ² CAS Key Laboratory of Continental Collision and Plateau Uplift, Institute of Tibetan Plateau Research, Chinese Academy of Sciences; ³ University of Chinese Academy of Sciences</p>
	<p>P228 - EVOLUTION OF FIRE REGIMES IN EAST JAVA SINCE THE LAST GLACIAL - Y. Ruan^{1*}, M. Mohtadi¹, S. Van der Kaars^{2,3}, L. Dupont¹, D. Hebbeln¹, E. Hopmans⁴, S. Schouten⁴, E. Schefuß¹</p> <p>¹ MARUM – Center for Marine Environmental Sciences, University of Bremen; ² Monash University; ³ Vrije Universiteit; ⁴ NIOZ Royal Netherlands Institute for Sea Research, Utrecht University</p>	<p>P240 - THE UPLIFT EVENT OF THE NORTHEASTERN TIBETAN PLATEAU RECORDED BY BRANCHED GDGTS PALEOTHERMOMETER DURING THE LATE MIocene - Y. Bai^{1,2*}, C. Chen^{2,3}, X. Fang^{1,2,3}, H. Guo², Q. Meng², W. Zhang^{1,2}, P. Zhou², M. Azamdzhoi^{2,3}</p> <p>¹ CAS Center for Excellence in Tibetan Plateau Earth Sciences, Chinese Academy of Sciences; ² CAS Key Laboratory of Continental Collision and Plateau Uplift, Institute of Tibetan Plateau Research, Chinese Academy of Sciences; ³ University of Chinese Academy of Sciences</p>
	<p>P229 - BIOMARKER AND POLLEN APPROACH TO RECONSTRUCT LATE HOLOCENE CLIMATE AND ENVIRONMENTAL HISTORY IN WESTERN SRI LANKA - K. Gayantha¹, J. Routh^{2*}, A. Krishnamurthy³, J. Lazar³, S. Prasad³, R. Chandrajith⁴, P. Roberts⁵, G. Gleixner¹</p> <p>¹ Max Planck Institute for Biogeochemistry; ² Department of Thematic Studies Environmental Change, Linköping University; ³ French Institute of Pondicherry; ⁴ Department of Geology, University of Peradeniya; ⁵ Max Planck Institute for the Science of Human History</p>	<p>P241 - THERMAL DEGRADATION OF METHYLBACTERIOHOPANE POLYOOLS TO METHYLHOPANES: IMPLICATIONS FOR SABKA AS OIL SOURCE ROCK MODELS - R. Schwartz-Narbonne^{1*}, D. Rush^{1,2}, H.M. Talbot³, K.E. Dutton¹, T.D. Fender¹, I.M. Head¹, S.W. Lokier⁴, C. Van der Land¹, M. Jones¹</p> <p>¹ Newcastle University; ² NIOZ Royal Netherlands Institute for Sea Research, and Utrecht University; ³ University of York; ⁴ Bangor University</p>

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13:15	<p>P239 - THERMAL DEGRADATION OF METHYLBACTERIOHOPANE POLYOOLS TO METHYLHOPANES: IMPLICATIONS FOR SABKA AS OIL SOURCE ROCK MODELS - R. Schwartz-Narbonne^{1*}, D. Rush^{1,2}, H.M. Talbot³, K.E. Dutton¹, T.D. Fender¹, I.M. Head¹, S.W. Lokier⁴, C. Van der Land¹, M. Jones¹</p> <p>¹ Newcastle University; ² NIOZ Royal Netherlands Institute for Sea Research, and Utrecht University; ³ University of York; ⁴ Bangor University</p>
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13:15	<p>P240 - DISEQUILIBRIUM BETWEEN RELATIVE ABUNDANCES OF DIAHOPANES AND DIASTERANES SUGGESTS DIFFERENT FORMATION MECHANISMS - S. George^{1*}, S. Baydjanova¹, L. Jiang¹, B. Manda^{1,2} ¹ Macquarie University; ² Geological Survey Department of Malawi</p> <p>P241 - ORGANIC FACIES, THERMAL ALTERATION AND PETROLEUM MIGRATION AS REVEALED FROM BIOMARKERS OF THE SVERDRUP BASIN, ARCTIC CANADA - M. Obermajer^{1*}, K. Dewing¹ ¹ Geological Survey of Canada</p> <p>P242 - ORIGIN AND OCCURRENCE OF UNUSUALLY HIGH 17'-DIAHOPANES IN THE WALTMAN SHALE, WIND RIVER BASIN, WYOMING, USA - T. Ruble^{1*}, S. Talbert², A. Claypool³, T. Whelihan¹, J. Holt¹ ¹ Weatherford Laboratories; ² Aethon Energy; ³ Charter Energy Partners</p> <p>P243 - FIRST EVIDENCE OF GREEN PIGMENTED CHLOROBIACEAE BIOMARKERS FROM CRETACEOUS CRUDE OILS (SERGIPE-ALAGOAS BASIN, BRAZIL) - B. Araújo^{1*}, V. Pereira², F. Aquino Neto², D. Azevedo² ¹ Ufes; ² Ufrj</p> <p>P244 - BIOMARKER CHARACTERIZATION OF EOCENE CRUDE OILS FROM CAMBAY BASIN UTILIZING COMPREHENSIVE GCXGC-TOFMS - S. Kumar^{1*}, S. Dutta¹ ¹ Indian Institute Of Technology Bombay</p> <p>P246 - BIOMARKER SIGNATURES REVEALED BY GCXGC-TOFMS IN EOCENE SEDIMENTS FROM CAMBAY BASIN, WESTERN INDIA - D. Niyolia^{1*}, S. Kumar¹, S. Dutta¹ ¹ Indian Institute Of Technology Bombay</p> <p>P247 - ASSESSMENT OF α,ω-BISPHENYLALKANES FROM AROMATIC FRACTION OF MARINE OIL FROM BRAZILIAN MARGINAL BASIN, BRAZIL - B. Araújo^{1*}, A. Moura¹, V. Pereira², D. Azevedo², A. Citó¹ ¹ UFPI; ² UFRJ</p> <p>P248 - ARYL ISOPRENOIDS AS INDICATORS OF PHOTIC ZONE ANOXIA - W. Bielen^{1*}, I.M. Matysik¹ ¹ Oil & Gas Institute-National Research Institute</p>	<p>P255 - A NOVEL PALEO SEA SURFACE NUTRIENT PROXY BASED ON LONG CHAIN ALKYL DIOLS: NUTRIENT DIOL INDEX (NDI) - J. Gal^{1,2*}, J. Kim¹, K. Shin² ¹ Korea Polar Research Institute; ² Hanyang University</p> <p>P256 - A NEW CALIBRATION OF THE TEX86 TEMPERATURE PROXY FOR THE BALTIC SEA REGION - A. Wittenborn^{1*}, M. Moros¹, H.W. Arz¹, J. Kaiser¹, H. Radtke¹ ¹ Leibniz Institute for Baltic Sea Research Warnemünde</p> <p>P257 - THERMAL DIAGENETIC IMPACT ON GDGTS IN LABORATORY SIMULATION: IMPLICATIONS FOR APPLICATION GDGT-BASED PROXIES IN DEEP TIME - H. Pei^{1*}, H. Yang¹, S. Xie¹ ¹ China University Of Geosciences</p>
Soils, Microbes and Plants		
13:15	<p>P258 - INFLUENCE OF PLANT GROWTH FORM, HABITAT AND SEASON ON LEAF-WAX N-ALKANE HYDROGEN-ISOTOPIC SIGNATURES IN EQUATORIAL EAST AFRICA - M. Griepentrog^{1,2,3*}, L. De Wispelaere¹, M. Bauters^{1,4}, S. Bodé¹, A. Hemp⁵, D. Verschuren^{6,7}, P. Boeckx^{1,7} ¹ Isotope Bioscience Laboratory (ISOFYS), Ghent University; ² Biogeoscience, ETH Zurich; ³ Soil Resources, ETH Zurich; ⁴ Computational and Applied Vegetation Ecology (CAVE) Lab, Ghent University; ⁵ Plant Systematics, University of Bayreuth; ⁶ Limnology Unit, Ghent University; ⁷ Equal contribution</p> <p>P259 - ASSESSMENT OF MICROBIAL ALTERATION IN MARINE SEDIMENTS: EVIDENCE FROM COMPOUND-SPECIFIC ISOTOPE ANALYSIS OF AMINO ACIDS - H. Choi^{1*}, B. Choi¹, H. Kim², K. Lee³, D. Lim⁴, K. Shin¹ ¹ Hanyang University; ² National Marine Biodiversity Institute of Korea; ³ Pohang University of Science and Technology; ⁴ Korea Institute of Ocean Science and Technology</p> <p>P260 - DEEP METHAGENESIS AND IODINE-RICH AQUIFER: INSIGHT FROM ORGANIC GEOCHEMICAL APPROACH - A. Urai^{1,2*} ¹ Japan Agency For Marine-Earth Science & Technology; ² Shinshu University</p> <p>P261 - UNRECOGNIZED FUNCTIONS OF COENZYME F430 AND ITS APPLICATIONS ON GEOMICROBIOLOGY AND CATALYST CHEMISTRY - M. Kaneko^{1*}, S. Harakawa², S. Tsujimura² ¹ National Institute Of Advanced Industrial Science And Technology; ² Tsukuba University</p> <p>P262 - IMPROVED SOURCE APPORTIONMENT OF SOIL AND SEDIMENT ORGANIC MATTER USING INVERSE MODELING OF BIOMARKER COMPOSITION (VERHIB 2.0) - C. Thomas^{1*}, B. Jansen², E. Van Loon², G. Wiesenberg¹ ¹ University Of Zurich; ² University of Amsterdam</p> <p>P263 - SULFUR METABOLISING BACTERIA WITHIN HYPERSALINE MICROBIAL MAT COMMUNITIES - M. Campbell^{1*} ¹ Curtin University</p> <p>P264 - AEROBIC METHANOTROPHY IN NORTH SEA SEDIMENT AND BALTIC SEA WATER COLUMN AS REVEALED BY BACTERIOHOPANEPOLYL LIPIDS AND GENOMIC APPROACHES - D. Rush^{1*}, L. Villanueva¹, M. Van der Meer¹, E. Hopmans¹, J. Sinninghe Damsté¹ ¹ Royal NIOZ</p> <p>P265 - GEOGENIC ORGANIC CARBON - TRACEABLE IN DEEP SUBSOILS? - G. Norén^{1*}, J. Schwarzbauer², A. Don³, F. Kalks³, C.W. Mueller⁴, I. Prater⁴, J. Rethermeyer¹ ¹ University Of Cologne; ² RWTH Aachen University; ³ Thünen Institute of Climate-Smart Agriculture; ⁴ Technical University of Munich</p>	

Proxies

13:15	<p>P250 - BACTERIAL 3-HYDROXY FATTY ACIDS: APPLICABILITY AS TEMPERATURE AND PH PROXIES IN SOILS FROM THE FRENCH ALPS. - P. Véquaud^{1*}, S. Collin¹, C. Anquetil¹, J. Poulenard², P. Sabatier², P. Choler³, S. Derenne¹, A. Huguet¹ ¹ Sorbonne Université UMR METIS; ² Université Savoie Mont Blanc EDYTEM; ³ Université Grenoble Alpes Laboratoire d'Ecologie Alpine</p> <p>P251 - CHROMANS AS SIGNALS OF FRESHWATER INCURSIONS PROMOTING SALINITY STRATIFICATION IN THE LOWER PERMIAN IRATI FORMATION, PARANÁ BASIN - L. Lopes Martins^{1,2*}, H. Schulz¹, H.J. Portugal Severiano Ribeiro², E. Soares de Souza², C. Adolphsson do Nascimento², G. Feitosa da Cruz² ¹ GFZ German Research Centre for Geosciences; ² North Fluminense State University</p> <p>P252 - INFLUENCE OF TEMPERATURE ON SOIL THAUMARCHAOTAL LIPIDS: A DUAL ENRICHMENT AND MICROCOMOSM APPROACH - A. Huguet^{1*}, C. Zell¹, S. Coffinet², M. Picard¹, T. Terroiet¹, C. Anquetil¹, J. Lipp², K. Hinrichs², M. Könneke², S. Derenne¹, S. Collin¹ ¹ Sorbonne Université UMR METIS; ² MARUM/University of Bremen</p> <p>P254 - DIFFERENT TEMPERATURE DEPENDENCE OF THE BACTERIAL BRGDGT ISOMERS IN 35 CHINESE LAKE SEDIMENTS COMPARED TO THAT IN SOILS - X. Dang^{1*}, H. Yang¹, R.D. Pancost², B.D.A. Naafs², S. Xie¹ ¹ China University of Geosciences (Wuhan); ² University of Bristol</p>
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<p>13:15 P266 - ENVIRONMENTAL DRIVERS SHAPING PHYSIOLOGICAL FLEXIBILITY OF PLANTS IN SALINE HABITATS FROM SHARK BAY, WESTERN AUSTRALIA. - C. Wuchter^{1*}, L. Mucina², S. Stanley¹, A. Sessions³, K. Grice¹ ¹ Curtin University; ² University of Western Australia; ³ California Institute of Technology</p>	<p>13:15 P277 - LACUSTRINE PETROLEUM GENERATION AND ITS IMPLICATIONS IN THE QINGSHANKOU SHALE OIL EXPLORATION, NORTHERN SONGLIAO BASIN - H. Zeng^{1,2*}, Q. Huo^{1,2}, Q. Fang^{1,2}, X. Zhang^{1,2}, R. Yan^{1,2} ¹ Exploration and Development Research Institute, Daqing Oil Company Ltd.; ² Heilongjiang Provincial Key Laboratory of Tight Oil and Shale oil Accumulation</p>
Unconventionals	
<p>13:15 P267 - UNRAVELLING THE ROLE OF LITHOFACIES IN CONTROLLING ORGANIC MATTER COMPOSITION IN UNCONVENTIONAL SYSTEMS USING FT-ICR-MS - H. Yue^{1*}, S. Poetz¹, Y. Han¹, B. Horsfield¹, A. Vieth-Hillebrand¹ ¹ GFZ German Research Centre for Geosciences</p>	<p>P278 - CONSTRAINTS ON OIL PHYSICAL STATUS IN LACUSTRINE SHALE RESERVOIRS - A CASE STUDY FROM DONGYING SUB-DEPRESSION, EAST CHINA - H. Zhang^{1*}, H. Huang², Z. Li³, M. Liu¹ ¹ China University of Geosciences (Beijing); ² University of Calgary; ³ SINOPEC-Shengli Oilfield Company</p>
<p>P268 - REFINING UNCONVENTIONAL FIELD DEVELOPMENT DESIGN USING TIME-LAPSE GEOCHEMISTRY – AN EXAMPLE FROM THE EAGLE FORD SHALE - H. Volk^{1*}, A. McClain² ¹ BP Exploration Operating Co. Ltd; ² BPX Energy</p>	<p>P279 - A GEOCHEMICAL INVESTIGATION OF INTERNAL OIL MIGRATION IN SHALE: THE LACUSTRINE EOCENE NANXIANG BASIN OF EASTERN CHINA - S.Z. Hu^{1*}, S.F. Li¹, L.W. Xia², Q. Lv¹, J. Cao² ¹ China University of Geosciences (Wuhan); ² Nanjing University</p>
<p>P269 - RECOGNITION AND QUANTIFICATION OF MIGRATED OILS IN LIQUID RICH SHALES BASED ON BULK PYROLYSIS AND MOLECULAR GEOCHEMICAL DATA - M. Li^{1*}, X. Ma¹, Z. Chen², Z. Li¹, Q. Jiang¹ ¹ Sinopec Exploration And Production Research Institute; ² Geological Survey of Canada</p>	<p>P280 - CHEMICAL AND ISOTOPIC VARIATIONS OF RELEASED GAS FROM CANISTER DESORPTION OF TWO GAS SHALES IN SICHUAN BASIN, CHINA - Y. Ma^{1*} ¹ China University Of Petroleum-beijing</p>
<p>P270 - ORGANIC CARBON-SULPHUR COUPLING IN THE EAGLE FORD FORMATION - M. Mertesdorf^{1*}, C. März², U. Mann³, S.C. Ruppel⁴, O. Esegbeue¹, T. Wagner¹ ¹ Heriot-Watt University; ² University of Leeds; ³ Equinor Forskningscenter; ⁴ University of Texas</p>	<p>P281 - EFFECTS OF PORE STRUCTURE AND WETTABILITY ON METHANE ADSORPTION CAPACITY OF MUD ROCK: INSIGHTS FROM THE ORGANIC MATTER/CLAY MINERALS MIXTURES - L. Peng^{1*} ¹ China University of Petroleum</p>
<p>P271 - ASSESSMENT OF UNCONVENTIONAL SHALE GAS OF MISSISSIPPIAN AND LOWER PENNSYLVANIAN SEDIMENTS IN WESTERN GERMANY - A. Ghazwani¹, R. Little¹, G. Guas¹, C. Hartkpf-Froeder², F. Froid^{1,*} ¹ Institute of Geology and Geochemistry of Petroleum and Coal, RWTH Aachen University; ² Geological Survey of North Rhine-Westphalia</p>	<p>P282 - THE "OIL COMPOSITION INDEX" – GEOCHEMICAL IMPLICATIONS FROM DIRECT ROCK-EVAL PYROLYSIS OF PETROLEUM - G. Scheeder^{1*}, M. Blumenberg¹ ¹ Federal Institute For Geosciences And Natural Resources</p>
<p>P272 - HYDROCARBON FLUID-SOLID INTERACTIONS IN LIQUID-RICH SHALE RESERVOIR AND IMPLICATIONS FOR SHALE OIL PRODUCIBILITY - X. Ma^{1*}, M. Li¹, Q. Jiang¹, Y. Zou², Z. Li¹, Z. Li³, Z. Huang¹ ¹ Sinopec Exploration And Production Research Institute; ² Guangzhou Institute of Geochemistry Chinese Academy of Sciences; ³ Sinopec Shengli Oilfield Company</p>	<p>P283 - CHANGES IN ORGANIC GEOCHEMISTRY AND CARBON ISOTOPE COMPOSITION OF DISPERSED ORGANIC MATTER HEATED IN CLOSED AND OPEN SYSTEMS - M. Miszkennan^{1*}, M. Górká², M.J. Fabiańska¹, J. Ciesielczuk¹, D. Jura¹ ¹ University of Silesia; ² University of Wrocław</p>
<p>P273 - GEOCHEMICAL VARIATION IN THE HIGH THERMAL MATURITY LONGMAXI SHALE GAS, SICHUAN BASIN - A. Pan^{1*} ¹ Wuxi Institute Of Petroleum Geology, Petroleum Exploration & Production Research Institute, Sinopec</p>	<p>P284 - LACUSTRINE SHALE RESERVOIR CHARACTERISTICS AND OIL OCCURRENCE IN THE QINGSHANKOU FIRST MEMBER OF NORTHERN SONGLIAO BASIN, CHINA - Q. Huo^{1,2*}, L. Fu^{1,2}, H. Zeng^{1,2}, Q. Fan^{1,2}, X. Zhang^{1,2} ¹ Exploration and Development Research Institute, Daqing Oilfield Company Ltd.; ² Heilongjiang Provincial Key Laboratory of Tight Oil and Shale oil Accumulation</p>
<p>P274 - ORGANIC GEOCHEMISTRY OF CHINKEH OIL FROM MAXHAMISH FIELD: IMPLICATIONS FOR GARBUZZ SHALE RESOURCES IN LIARD BASIN, CANADA - C. Jiang^{1*}, Z. Chen¹, O.H. Ardakan¹, M. McMechan¹ ¹ Geological Survey Of Canada, Calgary</p>	<p>P285 - A COMPARISON STUDY ON ORGANIC PORES IN PYROBITUMENS FROM SHALES AND CONVENTIONAL RESERVOIRS - H. Tian^{1*}, X. Wang¹, T. Li¹ ¹ Guangzhou Institute of Geochemistry,Chinese Academy of Sciences</p>
<p>P275 - GEOCHEMICAL AND PORE STRUCTURE CHARACTERIZATION OF DELTAIC SHALE AND COAL FROM MAMU FORMATION, ANAMBRA BASIN, NIGERIA - O. Faboya^{1*}, B. Cheng¹, J. Xu^{1,2}, Q. Deng^{1,2}, Z. Wei^{1,2}, Z. Liao¹ ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences; ² University of Chinese Academy of Sciences, China</p>	<p>P286 - EFFECT OF OIL EXPULSION ON THE PETROPHYSICAL PROPERTIES OF LOWER PALEOZOIC SHALES IN NORTHERN GUIZHOU AREA, CHINA - Y. Zheng^{1*}, Y. Liao¹ ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences</p>
<p>P276 - CHARACTERIZATION OF RESIDUAL KEROGENS AND THE PORES IN SHALE ROCKS DURING THERMAL EVOLUTION - J. Xu^{1,2*}, B. Cheng¹, Y. Zhang³, X. Zhang³, Z. Wei^{1,2}, O. Faboya¹, Z. Liao¹, S. Hu³ ¹ Guangzhou Institute Of Geochemistry, Chinese Academy Of Sciences; ² University of Chinese Academy of Sciences, China; ³ China University of Geosciences (Wuhan), China</p>	<p>P287 - THE GEOCHEMICAL CHARACTERISTICS AND PRODUCTION GEOCHEMISTRY OF TIGHT OIL IN JIMUSAR DEPRESSION,CHINA - D. Hou^{1*} ¹ China University Of Geosciences (beijing)</p>
	<p>P288 - MATURATION AND ISOTOPIC CHANGES OF INDIVIDUAL HYDROCARBONS IN LIGNITE LITHOTYPES THROUGH DIAGENESIS AND EARLY CATAGENESIS - I. Kojic¹, A. Bechtel², R. Sachsenhofer², D. Zivotic¹, K. Stojanovic^{1,*} ¹ University of Belgrade; ² Montanuniversität Leoben</p>

<p>13:15</p> <p>P289 - GENETIC TYPE AND ORIGIN OF ORDOVICIAN GAS IN THE GUCHENG LOWER UPLIFT, TARIM BASIN, NW CHINA - Z. Feng^{1,2}, X. Wang, K. He³, J. Li^{1,2}, H. Zeng^{1,2}, Z. Dong^{1,2} ¹ Exploration and Development Research Institute, Daqing Oilfield Company Ltd.Co.; ² Heilongjiang Provincial Key Laboratory for the Study of Tight Oil and Shale oil Accumulation; ³ Research Institute of Petroleum Exploration and Development, PetroChina</p> <p>P290 - UNDERSTANDING EFFECTIVE HYDRAULIC FRACTURE HEIGHT IN THE PERMIAN BASIN – TEXAS - US - M. Nassar^{1*} ¹ Shell</p> <p>P291 - DETERMINING UNCONVENTIONAL SHALE GAS MATURITY: A CARBONATE VEIN TALE - F. Lu^{1*} ¹ Saudi Aramco</p> <p>P292 - DISCUSSION ON QUANTITATIVE CHARACTERIZATION METHOD OF SHALE OIL MOBILITY BASED ON TRADITIONAL PYROLYSIS ANALYSIS DATA - S. Li^{1*}, S. Hu¹, X. Ruan¹, Y. Song¹, D. Zhang¹ ¹ China University of Geosciences (Wuhan)</p> <p>P294 - THE INFLUENCE OF LITHOFACIAL VARIATION ON THE DESORBED AND RESIDUAL GAS AMOUNT IN THE CONTEXT OF PETROPHYSICAL STUDIES - M. Kania^{1*}, M. Janiga¹, I.M. Matysik¹, K. Spunda¹, M. Kierat¹ ¹ Oil & Gas Institute-National Research Institute</p>	<p>13:15</p> <p>P293 - ORGANIC GEOCHEMISTRY SIGNIFICANCE OF THE CHANG 7 MEMBER OF THE TRIASSIC YANCHANG FORMATION IN THE MID-WEST OF ORDOS BASIN, CHINA - J. Qiao^{1*}, A. Baniasad¹, R. Littke¹ ¹ Institute Of Geology And Geochemistry Of Petroleum And Coal</p> <p>P295 - DISTRIBUTION OF METHANE CARBON ISOTOPE AND ITS SIGNIFICANCE ON CBM ACCUMULATION OF NO.2 COAL SEAM IN CBM BLOCK, ORDOS BASIN - K. Zhang^{1*} ¹ China University of Mining and Technology (Beijing), Beijing</p> <p>P300 - CHARACTERISTICS AND GENESIS OF ORDOVICIAN RESERVOIR BITUMEN IN SHUNNAN AREA, TARIM BASIN - Y. Yang^{1*}, H. Liu¹, S. Wang¹, Z. Jiang¹, Y. Wang¹ ¹ School of Geosciences, China University of Petroleum (East China)</p> <p>P308 - THE FORMATION MECHANISM OF THE MULTI-PHASE RESERVOIRS IN THE ORDOVICIAN OF TARIM BASIN, NW CHINA - X. Wang^{1*} ¹ PetroChina Exploration & Development Research Inst</p> <p>P309 - OIL CHARGING PATHWAYS OF THE ORDOVICIAN DEEP CARBONATE RESERVOIRS IN THE TUOFUTAI AREA, TARIM BASIN, NW CHINA - S. Wang^{1*}, H. Liu¹, Y. Yang¹, Y. Wang¹, Z. Guo¹ ¹ School Of Geosciences, China University Of Petroleum (east China)</p>
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Oral Presentations | Friday 6 September

ROOM F4-5		ROOM F3	
08:50	Announcements		
	Isotopes N. Ohkouchi (JAMSTEC)		Paleoclimates
09:00	073 - COMPOUND SPECIFIC ISOTOPE ANALYSES OF ALKYLBENZENES IN OILS - J. Van Winden ^{1*} , J. Pureveen ¹ , M. Fay ² , N. Yahi ² , A. El-Azhary ¹ , J. Weijers ¹ , O. Podlaha ¹ ¹ Shell Global Solutions International BV; ² Shell Canada Limited	09:00	072 - DECOUPLING OF NW PACIFIC FROM GLOBAL CLIMATE EVOLUTION LINKED TO THE MID PLEISTOCENE TRANSITION AND MID-BRUNHES EVENT - A. Jonas ^{1*} , M.A.C. Kars ² , T. Bauersachs ¹ , W. Ruebsam ¹ , L. Schwark ^{1,3} ¹ Christian Albrechts University of Kiel; ² Center for Advanced Marine Core Research, Kochi University; ³ Curtin University
09:20	075 - COMBINED USE OF d34S OF DIBENZOTHIOPHENES AND d13C OF METHYL CYCLOHEXANE TO DETERMINE THERMOCHEMICAL SULFATE REDUCTION - Y. Sun ^{1*} , Y. He ¹ , A. Session ² , Q. Xiao ³ , J. Adkins ² , Y. Gu ⁴ ¹ School of Earth Sciences, Zhejiang University; ² Division of Geological and Planetary Sciences, California Institute of Technology; ³ College of Resources and Environment, Yangtze University; ⁴ Wuxi Institute of Petroleum Geology, SinoPec	09:20	074 - A 18,000-YEAR HIGH-RESOLUTION RECORD OF PAST ATMOSPHERIC CONVECTION AND TEMPERATURE FROM THE INDO-PACIFIC WARM POOL - R. Smittenberg ^{1*} , K. Yamah ^{1,4} , F. Schen ¹ , A. Chabangborn ^{1,3} , S. Chawchai ^{1,3} , M. Välijanta ^{1,2} , B. Wohlforth ¹ ¹ Stockholm University and Bolin Center of Climate research; ² Environmental Change Research Unit, Department of Environmental Science, University of Helsinki; ³ now at Department of Geology, Chulalongkorn University; ⁴ now at School of Geography, University of Birmingham
09:40	077 - THE ISOTOPE GEOCHEMISTRY OF ARCHAEO LIPIDS IN THE BLACK SEA AND UNDERLYING SEDIMENTS CONSTRAINS THEIR SOURCES AND TURNOVER - Q. Zhu ^{1*} , M. Elvert ¹ , J.M. Schröder ¹ , T.B. Meador ¹ , K.W. Becker ¹ , V.B. Heuer ¹ , K. Hinrichs ¹ ¹ MARUM - Center for Marine Environmental Sciences and Department of Geosciences, University of Bremen	09:40	076 - THE RISE OF THE ETHIOPIAN FORESTS - J. Krawielicki ^{1*} , C.R. Magill ² , T.I. Eglinton ¹ , S. Willett ¹ ¹ ETH Zurich; ² Heriot-Watt University
10:00	079 - REFINEMENT OF ISOTOPIC FRACTIONATION IN PLANTS: A NEW INSIGHT INTO PHYSIOLOGICAL RESPONSE TO DRY-WET CONDITIONS - R. Fan ^{1,2*} , T.C. Maximov ³ , A. Sugimoto ² , Y. Chikaraishi ¹ ¹ Institute of Low Temperature Science, Hokkaido University; ² Graduate School of Environmental Science, Hokkaido University; ³ Siberian Branch of Russian Academy of Sciences, Russia	10:00	078 - COMPOSITION OF LIPIDS FROM LIGNITE DEPOSITS OF THE FAR EAST: RELATIONS TO VEGETATION AND CLIMATE CHANGE DURING THE CENOZOIC - A. Bechtel ^{1*} , I.Y. Chekryzhev ^{2,3} , B.I. Pavlyutkin ² , V.P. Nechaev ^{2,3} , S. Dai ^{4,5} , S.V. Vysotskiy ^{2,3} , T.A. Velivetskaya ² , A.V. Ignatiev ² , W. Guo ^{4,5} ¹ Montanuniversitaet Leoben; ² Far East Geological Institute; ³ FarEastern Federal University; ⁴ State Key Laboratory of Coal Resources and Safe Mining; ⁵ China University of Mining and Technology
10:20	Coffee Break		

ROOM F4-5		ROOM F3
And now for something completely different S. Poetz (GFZ German Research Centre for Geosciences)		
10:45	O80 - MORPHOLOGICAL AND HETEROATOM PRESERVATIONS SUGGEST CELLULAR ORGANIZATION IN 3.4 GYR-OLD MICROFOSSILS - F. Delarue ^{1,*} , S. Derenne ¹ , F. Robert ² ¹ Sorbonne Université UMR Metis; ² IMPMC	
11:10	O81 - MICROBIAL LIFE SIGNATURES IN ONE OF THE DRIEST AREAS ON EARTH - THE ATACAMA DESERT - K. Mangelsdorf ^{1,*} , D. Wagner ¹ , C. Karger ¹ , D. Schulze-Makuch ² ¹ GFZ German Research Centre for Geosciences; ² Technical University Berlin	
11:35	O82 - ANHYDROSUGARS IN SEDIMENTS OF LAKE EL'GYGYZGYN - FIRE REGIME RECONSTRUCTIONS OF NE SIBERIA DURING THE LAST TWO INTERGLACIALS - E. Dietzel ^{1,*} , K. Mangelsdorf ² , A. Andreev ¹ , C. Karger ² , E.C. Hopmans ³ , L.T. Schreuder ³ , D. Sachse ⁴ , O. Rach ⁴ , N. Nowaczyk ⁵ , U. Herzschuh ^{1,6,7} ¹ Alfred-Wegener-Institute Helmholtz-Centre for Polar and Marine Research Potsdam; ² GFZ German Research Centre for Geosciences, Section Organic Geochemistry; ³ Royal Netherlands Institute for Sea Research, Department of Marine Microbiology and Biogeochemistry, and Utrecht University; ⁴ GFZ German Research Centre for Geosciences, Section Geomorphology, Organic Surface Geochemistry Lab; ⁵ GFZ German Research Centre for Geosciences, Section Climate Dynamics and Landscape Evolution; ⁶ University of Potsdam, Institute of Geosciences; ⁷ University of Potsdam, Institute of Biochemistry and Biology	
12:00	Closing Ceremony, Pieter Schenck Award and 30th IMOG 2021 Introduction	
13:00	End of Conference	





CONFERENCE FEES

TYPE	UNTIL 26/08/2019	FROM 27/08/2019
Member ¹	€ 790	€ 850
Non-Member	€ 1,050	€ 1,150
Student Member ²	€ 310	€ 370
Student Non-Member ²	€ 440	€ 450
Partner Fee	€ 400	€ 500

All fees are in Euros (€). Please note: The deadlines are following the Local Time in the Netherlands.

¹ We would like to remind all participants that to be entitled to the discounted registration fee for this meeting you must have been an EAOG member in 2018 and 2019. For 2019 you need to renew your membership before February 28, 2019. Renewals made after February 28, 2019 will mean that you are registered as an EAOG member but will not allow you to register for the reduced fee for IMOG 2019. You can renew your membership by logging in to your membership account at the House of Geoscience website (www.houseofgeoscience.org) and selecting 'Renew Membership' in the My Profile menu. If you need help with renewing your membership, please contact House of Geoscience at membership@houseofgeoscience.org.

² Students must submit certificate confirming their student status with the registration. Registration will not be accepted unless accompanied by full payment. After receipt of registration and payment, delegates will receive a confirmation, which should be exchanged on-site for a badge. The confirmation will be sent via e-mail, if a valid/unique e-mail address is supplied. Please note that no entrance is granted to unregistered, or unpaid guests.

For companies that want to do a group booking/payment, please contact the registration department at registration@eage.org.

SOCIAL PROGRAMME

We offer you the opportunity to get to know your fellow conference participants in a more informal environment. Please inform us via eage.events@eage.org if you would like to attend any of the Social Programme activities below:

Icebreaker Reception

Sunday 1 September 2019, 18:00 - 20:00
Location: Conference Venue

Cultural Evening

Tuesday 3 September 2019, 19:00 - 20:00
Museum of World Culture
Världskulturmuseet
Södra Vägen, 54
Gothenburg - Sweden

Conference Dinner & Party

Wednesday 4 September 2019, 19:30 - 00:30
Lindholmen Event
Anders Carlssons gata, 2
Gothenburg - Sweden

FAMILY MEMBERS

IMOG 2019 welcomes family members to join you in Gothenburg. There will be a Family Programme organized which will include a full-day tour. All registered family members will also have access to the Exhibition and are welcome to join the Social Programme, which includes the Icebreaker Reception and the Conference Dinner & Party.

EXHIBITION

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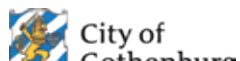
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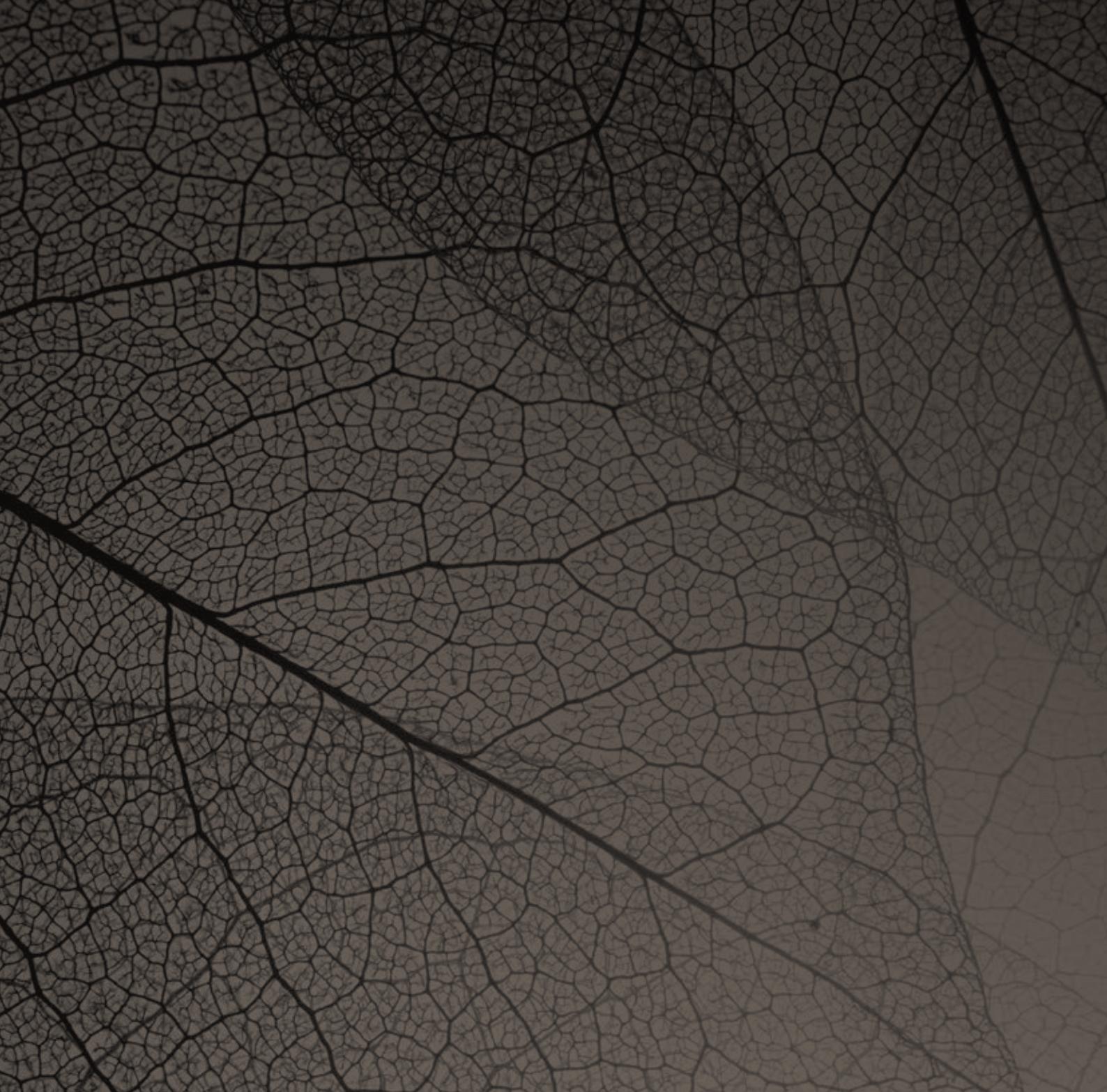
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DIVERSITY AND INCLUSION

The EAOG Board believes that the organic geochemical community and its scientific achievements will be the strongest when a wide array of perspectives resulting from diversity and inclusion are present and supported. We are committed to creating and ensuring equal opportunity to people of all races, ethnicities, religions, genders, sexual orientations, gender identifications, abilities, incomes, marital statuses, ages, geographic locations, philosophies, and veteran statuses. We are actively working on creating opportunities to achieve greater diversity and inclusion. Please contact the EAOG Board if you wish to support us on this journey.

CONTACT

For the latest updates, please visit the conference website imog.eaog.org or contact the EAGE office at +31 88 9955055 or e-mail imog2019@eage.org.



CONTACT US FOR MORE INFORMATION
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