

Friday 14th

	Soil Geochemistry Chair: Heike Knicker	Petroleum Biodegradation Chair: Yongge Sun
9.00 - 9.25	<p>O72. <u>T. Nguyen Tu</u>, C. Egasse, B. Zeller, G. Bardoux, P. Biron, P. Richard, F. Zanetti, T. Bariac & S. Derenne Early degradation of plant lipids in soils: a field experiment using ¹³C-labelled leaves</p>	<p>O76. <u>B. Bennett</u> & S. Larter When biodegradation scales fail: Basil Fawltly does Athabasca</p>
9.25 - 9.50	<p>O73. <u>M. Mendez-Millan</u>, M.-F. Dignac, C. Rumpel & S. Derenne Turnover of cutin and suberin in a cropland soil</p>	<p>O77. R. Elias, A. Vieth, A. Riva, B. Horsfield & <u>H. Wilkes</u> Quantification of biodegradation and determination of alteration patterns in crude oils</p>
9.50 - 10.15	<p>O74. <u>J. González-Pérez</u>, F. González-Vila, R. González-Vázquez, E. Arias, J. Rodríguez & H. Knicker Biogeochemical parameters surrogated to the recovery of soils after forest fire events</p>	<p>O78. <u>D. Blanchet</u>, F. Behar & F. Haeseler New insights on biodegradation processes in porous media: experimental approaches</p>
10.15 - 10.40	<p>O75. <u>M. Cooke</u>, H. Talbot, O. Eniola, T. Wagner, R. Buscail & S. Heussner Tracking soil organic carbon transport to continental margin sediments using soil specific bacteriohopanepolyol biomarkers</p>	<p>O79. <u>S. Vasconcellos</u>, A. Wieland, J. Klock, A. Marsaioli, V. Oliveira, E. Santos Neto & W. Michaelis The role of bacterial exopolymeric substances (EPS) in hydrocarbon biodegradation</p>

10.40 - 10.45

Announcements

10.45 - 11.15

Break

	Palaeoclimate (2) Chair: Joseph Werne	Gas Geochemistry Chair: Alexei Milkov
11.15 - 11.40	<p>O80. <u>A. Blyth</u>, P. Montagna, M. McCulloch, S. Silenzi, S. Devoti, A. Baker, A. Asrat, M. Leng, J. Watson & M. Gilmour A new approach to investigating past vegetation regimes using high resolution lipid biomarker records preserved in stalagmites</p>	<p>O83. <u>L. Fusetti</u>, F. Behar, K. Grice & S. Derenne Methane and ethane generation from oil cracking: first isotopic modelling based on ¹³C labelled compounds</p>
11.40 - 12.05	<p>O81. <u>I. Castaneda</u>, J. Werne, T. Johnson & T. Filley Vegetation changes and wet/arid phases in the Southeastern African Tropics during the past 23,000 years</p>	<p>O84. <u>C. Boreham</u> & D. Edwards Effect of source, maturity and biodegradation on the D/H ratio of Australian natural gas</p>
12.05 - 12.30	<p>O82. <u>J. Sinninghe Damsté</u>, J. Ossebaar, R. van Houten, M. van der Meer, S. Schouten, B. Plessen, C. Wolff, G. Haug & D. Verschuren Continental climate change in Tropical Africa since the last glacial: organic proxy records from the Mt. Kilimanjaro area</p>	<p>O85. <u>A. Stankiewicz</u>, D. Mckinney, J. Breviere, J. Lessi, P. Jaulneau & The Feast Team Advanced mud logging technology "FLAIR": new horizons in petroleum geochemistry</p>

12.30 - 13.00

2007 Peter Schenck Award & Closing Ceremony