

BASIS Annual Science Meeting, April 2-3, 2009, Novotel, Brugge

Thursday, April 2, 2009

12u00-13u30: REGISTRATION - Lunch counter

Workshop:

13u15-13u25: Frans Stellaard

OPENING REMARKS

CHAIRPERSON: Pier de Groot

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| 1 | 40 | A1 | 13u25-14u05: | Schierbeek | Erasmus MC | Compound-specific GC-& LC-(IR)MS analyses |
| 2 | 40 | A2 | 14u05-14u45 | Vanhaeke | U Gent | Basic Principles of Stable Isotope Analysis by Multiple Collector Inductively Coupled Plasma Mass Spectrometry (MC-ICP-MS) |
| 3 | 20 | A3 | 14u45-15u25 | Kerstel | U Groningen | Are laser-based stable isotope instruments an alternative for in YOUR lab? |

45 15u25-16u10: COFFEE BREAK, TRADE SHOW, AND POSTER SESSION

CHAIRPERSON: Pascal Boeckx

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| 1 | 20 | B1 | 16u10-16u30: | Hilkert | Thermo | Multicollectors in IRMS: History and Future |
| 2 | 20 | B2 | 16u30-16u50: | Magnion | U Brussel | $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ of nitrate: validation tests of the denitrifier method and application during the study on a N-impacted mangrove |
| 3 | 20 | B3 | 16u50-17u10: | Smith | U Durham | An improved method for single amino acid $\delta^{13}\text{C}$ measurement using LC-IRMS |
| 4 | 20 | B4 | 17u10-17u30: | Bodé | U Gent | Determination of the residence time of amino sugars in soils by HPLC-IRMS |
| 5 | 20 | B5 | 17u30-17:50 | Breukelen | NFI Den Haag | Discrimination of duct-tapes using Isotope Ratio Mass Spectrometry |

19u30-22u30: DINNER

Friday, April 3, 2009

8u30-9u00: COFFEE BREAK

CHAIRPERSON: Erik Kerstel

- 1 20 C1 9u00-9u20: Batenburg IMAU Utrecht Measuring the variation of the isotopic composition of H₂ in the atmosphere.
2 20 C2 9u20- 9u40: Vigano IMAU Utrecht Isotopic studies on methane formation from plants
3 20 C3 9u40-10u00: Staelens U Gent N-15 tracing helps explaining N leaching losses from contrasting forest ecosystems

40 10u00-10u40: COFFEE BREAK, TRADE SHOW, AND POSTER SESSION

CHAIRPERSON: Frans Stellaar

- 4 20 D1 10u40-11u00: Borne Wageningen Effects of dietary starch, animal fat or soy oil on fatty acid and glucose oxidation in growing pigs
5 20 D2 11u00-11u20: Puiman Erasmus MC Intestinal Metabolism is influenced by Antibiotics and Probiotics in Neonatal Pigs
6 20 D3 11u20-11u40: Rook Erasmus MC Oxidative stress in preterm infants

30 11u40-12u10 LEDENVERGADERING

80 12u10-13u30 "TRADE SHOW" FOLLOWED BY LUNCH

CHAIRPERSON: Steven Bouilck

- 7 20 E1 13u30-13u50: Westerterp U Maastricht Gluconeogenesis as a determinant of the thermogenic effect of dietary protein as measured with deuterated water
8 20 E2 13u50-14u10: Remke U Greifswald Effects of artificially simulated N- deposition on coastal, dry, lichen-rich grasslands – a short-term experiment with 15N enriched
9 20 E3 14u10-14u30: Xue U Gent Identification and quantification of NO₃- inputs into surface water in Flanders, Belgium

40 14u30-15-10: COFFEE BREAK, TRADE SHOW, AND POSTER SESSION

CHAIRPERSON: Kristin Verbeek

- 10 20 F1 15u10-15u30: Duinen U Nijmegen Nutrient enrichment changes start of invertebrate food web and species assemblage in raised bog pools
11 20 F2 15u30-15u50: Fallet NIOZ Seasonal and subseasonal periodicity in Mg/Ca – $\delta^{18}\text{O}$ proxy temperatures of biogenic carbonates in the Southwestern Indian

10 15u50-16u00: CLOSING REMARKS

16u00-.... FAREWELL RECEPTION