

ESRP Meeting 2016 - Schedule

Schloss Waldthausen, Mainz, 31 May - 2 June



MAX-PLANCK-GESELLSCHAFT

Tuesday, 31 May

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| Arrival & Check-In | |
| 14:00 Welcome & Introduction | Gerald H. Haug |
| MPI for Biogeochemistry: current highlights + interests (10 min. talk + 5 min. disc.) <i>Chair: Bettina Weber</i> | |
| 14:15 Biogeochemical Systems | Martin Heimann |
| 14:30 Biogeochemical Processes | Susan Trumbore |
| 14:45 Discussion | All |
| MPI for Meteorology: current highlights and interests (10 min. talk + 5 min. disc.) | |
| 15:15 Earth System - Land | Martin Claussen |
| 15:30 Earth System - Ocean | Jochem Marotzke |
| 15:45 Earth System - Atmosphere | Bjorn Stevens |
| 16:00 Discussion | All |
| 16:00 Coffee Break | |
| MPI for Chemistry: current highlights + interests (10 min talk + 5 min. disc.) <i>Chair: Victor Brovkin</i> | |
| 16:45 Biogeochemistry | Meinrat O. Andreae |
| 17:00 Climate Geochemistry | Gerald H. Haug |
| 17:15 Multiphase Chemistry | Ulrich Pöschl |
| 17:30 Particle Chemistry | Stephan Borrmann |
| Institute for Advanced Sustainability Studies (IASS): current highlights and interests | |
| 17:45 Update on current state and recent work | Tim Butler |
| 18:00 Discussion | All |
| 18:15 Reception & Poster Session | All |
| 19:00 Dinner | |
| 20:00 Meeting of the MPI-BGC, -C, -M directors | Directors |
| 20:00 Poster session continued | All |

Wednesday, 1 June

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| 09:00 Superconductivity: No resistance at record temperatures | Mikhail Erements; MPI for Chemistry |
| MPI for Chemistry and MPI for Marine Microbiology: current highlights + interests (10 min talk + 5 min. discussion) <i>Chair: Christian Reick</i> | |
| 09:30 Atmospheric Chemistry | Jos Lelieveld MPI for Chemistry |
| 09:45 Source of 'new' nitrogen to the open ocean | Wiebke Mohr MPI for Marine Microbiology |
| 10:00 Discussion | All |
| 10:15 Coffee Break | |
| Paleoclimate Research | |
| 10:45 A rise in Southern Ocean overturning over the Holocene | Anja Studer MPI for Chemistry |
| 11:00 Climate - carbon cycle interactions during interglacials | Victor Brovkin MPI for Meteorology |
| 11:15 Late Quaternary Asian Monsoon Dynamics | Gerd Gleixner MPI for Biogeochemistry |
| 11:30 Biogeochemistry and paleoclimatology in deep time: Early eukaryotes and the Snowball Earth glaciations | Christian Hallmann MPI for Biogeochemistry |
| 11:45 Discussion | All |
| 12:00 Lunch | |
| 13:30 Break out sessions <i>Chair: Tatiana Ilyina</i> | |
| Methane | Martin Heimann MPI for Biogeochemistry |
| ATTO | Susan Trumbore MPI for Biogeochemistry |
| Aerosol research – future directions | Frank Drewnick MPI for Chemistry |
| Measurements and models | Marloes Penning de Vries, Hang Su MPI for Chemistry |
| Grand Science Challenge on Carbon Feedbacks in the Climate System | Tatiana Ilyina MPI for Meteorology |
| 15:00 Coffee Break | |

Wednesday, 1 June continued

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| 15:30 Wrap up of break out sessions + discussion | All |
| 16:00 Radiocarbon as a tool for climate sciences | Edouard Bard Collège de France |
| 16:45 Goodbye cool climate viticulture? | Reinhardt Töpfer Julius Kühn Institute (JKI) |
| 17:30 Discussion | All |
| 18:00 Bus transfer | All |
| 18:30 Dinner, Gasthaus Engel, Schwabenheim | |
| 20:30 Summary of the discussions | Directors |

Thursday, 2 June

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| Update on existing joint activities (15min. Talk + 5 min. discussion) <i>Chair: Jürgen Kesselmeier</i> | |
| 09:00 ATTO-update | Jürgen Kesselmeier MPI for Chemistry |
| 09:20 ZOTTO-update | Jost Lavric MPI for Biogeochemistry |
| 09:40 HALO-Update | Marcel Dorf MPI for Chemistry |
| 10:00 Methane | Martin Heimann MPI for Biogeochemistry Victor Brovkin MPI for Meteorology |
| 10:35 Coffee Break | |
| Planning of new activities and open discussion | |
| 11:00 ATTO | Susan Trumbore MPI for Biogeochemistry |
| 11:20 Joint Barbados aerosol campaign | Christopher Pöhlker, Bettina Weber MPI for Chemistry |
| 11:40 ICON | Bjorn Stevens MPI for Meteorology |
| 12:00 NARVAL II and EUREC4A | Bjorn Stevens MPI for Meteorology |
| 12:20 Open Discussion | All |
| 12:30 Lunch | |
| 14:00 Closing remarks | |
| 15:00 Adjourn | |