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Lectures (10 am - 6 pm)

Staudinger Lecture Hall
 Max Planck Institute for Polymer Research (MPIP)
 Ackermannweg 10
 55128 Mainz
 Germany

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Reception + Dinner (starting 6 pm)

Max Planck Institute for Chemistry (MPIC)
 Hahn-Meitner-Weg 1
 55128 Mainz
 Germany

Phone: +49-6131-305-3000
 (Susanne Benner - press office)
 E-Mail: pr@mpic.de
www.mpic.de/facets-of-biogeochemistry

Scientific Symposium FACETS OF BIOGEOCHEMISTRY

Farewell Meinrat 'Andi' Andreae

Staudinger Lecture Hall
 Max Planck Institute for Polymer Research
 Mainz, Germany

19 Mai 2017

Scientific Symposium, 19 Mai 2017

FACETS OF BIOGEOCHEMISTRY

Farewell Meinrat `Andi´ Andreae

Staudinger Lecture Hall, Max Planck Institute for Polymer Research
(in direct vicinity to the MPI for Chemistry)

09:00 - 10:00 *** Coffee & Registration ***

10:00 - 10:15 Welcome and Introduction by Ulrich Pöschl

Session 1 (Chair person: Ulrich Pöschl and Christopher Pöhlker)

10:15 - 11:00 *The History of Research Linking Oceanic Dimethyl Sulphide Emissions by Phytoplankton to the Earth's Albedo and Climate*
Robert Charlson, University of Washington, Seattle, WA, USA

11:00 - 11:45 *Reverse weathering, authigenic aluminosilicate formation, and early silica diagenesis in marine sediments - the ocean Ge/Si story of accidental discoveries*
Philip Froelich, Duke University, NC, USA

12:00 - 13:00 *** Lunch ***

Session 2 (Chair person: Jürgen Kesselmeier and Matthias Sörgel)

13:00 - 13:45 *Fire and Fun: Natural pollutants in the tropics*
Mary Scholes, University of Witwatersrand, Johannesburg, South Africa

13:45 - 14:30 *From the Pioneers of Modern Geochemistry to Greenhouse Gas Emissions Verification and the Paris Climate Accords*
Ray Weiss, Scripps Institution of Oceanography, San Diego, CA, USA

14:30 - 15:15 *IGAC's 1992 STARE (South Tropical Atlantic Regional Experiment) Mission: A Multinational Expedition that Elucidated the Global Impact of Tropical Biomass Burning*
Jack Fishman, Saint Louis University, MO, USA

15:15 - 15:45 *** Coffee break ***

Session 3 (Chair person: Matthias Sörgel and Christopher Pöhlker)

15:45 - 16:30 *30 years of Amazonian aerosol research: from biological functioning to dust, biomass burning and anthropogenic impacts*
Paulo Artaxo, University of São Paulo, São Paulo, Brazil

16:30 - 17:15 *Anthropogenic aerosol cloud-mediated climate forcing: Important now more than ever and still far from saturation*
Daniel Rosenfeld, Hebrew University, Jerusalem, Israel

17:15 - 18:00 Scientific reflections by **Meinrat O. Andreae**

Reception and Dinner: Max Planck Institute for Chemistry

18:00 - 18:30 *** Reception ***

18:30 *** Dinner and discussion ***
*** Concluding remarks ***