

2nd Green & Sustainable Chemistry CONFERENCE

14-17 MAY 2017
Berlin, Germany

Programme

Sunday, 14 May 2017	
14:00-16:50	Workshop and guidelines for young researchers interested in starting up their company Entrepreneur Workshop (application necessary via conference homepage)
15:00-17:00	Registration
17:00-18:30	Welcome Reception & Poster Session I

Monday, 15 May 2017	
08:00	Registration
09:00	Opening Address Klaus Kümmerer (Conference Chair), Leuphana Universität Lüneburg, Germany
09:05	Welcome Address: Sustainability is an essential part of 'Values Thinking in Chemistry' Thisbe Lindhorst , President of the German Chemical Society, Chair of Organic and Biological Chemistry, Institute of Organic Chemistry, University of Kiel, Germany
09:20	Dorota Jarosinska , Programme Manager: Environmental Exposures and Risks, WHO European Centre for Environment and Health, Germany
09:35	The role of industry in achieving sustainable development Martin Kayser , Senior Vice President of Product Safety BASF, Co-Chair of the ICCA Chemical Policy & Health Leadership Group, Germany
09:50	Representative from Organisation for the Prohibition of Chemical Weapons (OPCW) (tbc)
10:00	Jochen Flasbarth , Parliamentary Secretary of State, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety, German Federal Government
10:20	[K.01] Opening Lecture: The promises of green and sustainable chemistry James Clark , University of York, UK
11:15	Coffee break & Poster viewing I
11:40	The Green and Sustainable Chemistry Challenge Introduction by Klaus Kümmerer (Conference Chair) and Ylann Schemm (Elsevier Foundation)
11:45	Short presentations from the five finalists from the Elsevier Foundation Green and Sustainable Chemistry Challenge (10 mins plus 5 min Q&A each)
13:00	Lunch & Poster Viewing II
14:00-18:30	Session 1 - Mineral Resources and Recycling Session chairs: Henning Friege and Sam Adu-Kumi
14:00	[K.02] Sustainability challenges on the moon Christian Stenzel , Airbus DS GmbH, Germany
14:00	[K.03] Transforming food and beverage wastes to high value-added products Carol Lin , Hong Kong City University, Hong Kong
14:35	[Inv.1] Recycling of electronic waste Patrick Wäger , EMPA, Switzerland
14:35	[Inv.2] Plants as a resource for organic molecules: facing the green and sustainable future today Vania Zuin , Federal University of Sao Carlos, Brazil
15:00	Coffee break & Poster Viewing III

15:30	[O1.1] Contributed oral presentation	[O2.1] Contributed oral presentation
15:25	[O1.2] Contributed oral presentation	[O2.2] Contributed oral presentation
16:10	[O1.3] Contributed oral presentation	[O2.3] Contributed oral presentation
16:30	[O1.4] Contributed oral presentation	[O2.4] Contributed oral presentation
16:50	Coffee break & Poster Viewing IV	
17:20-	[O1.5] Contributed oral presentation	[O2.5] Contributed oral presentation
17:40	[O1.6] Contributed oral presentation	[O2.6] Contributed oral presentation
18:00	[O1.7] Contributed oral presentation	[O2.7] Contributed oral presentation
18:20- 18:30	General discussion of session topic & presentations	General discussion of session topic & presentations

Tuesday, 16 May 2016

07:30- 08:30	Registration	
08:30- 12:40	Session 3 – Industry and Sustainable Chemistry Session chairs: Maximilian Hempel and Carol Lin	Session 4 - Synthesis and Catalysis Session chairs: Ferdi Schüth and Madga Titrici
08:30	[K.04] A non-toxic environment? Björn Hansen , EU, DG Environment, Belgium	[K.05] Towards greener photochemistry Sir Martyn Poliakoff , University of Nottingham, UK
09:05	[Inv.3] Sustainable chemistry - A solution to the textile industry in the developing world Ullhas Nimkar , NimkarTek, India	[Inv.4] Greener trends in synthesis of organics: sustainable applications of magnetic nanocatalysts and modified graphitic carbon nitrides Rajender S Varma , US Environmental Protection Agency, USA
09:30	[O3.1] Contributed oral presentation	[O4.1] Contributed oral presentation
09:50	[O3.2] Contributed oral presentation	[O4.2] Contributed oral presentation
10:10	[O3.3] Contributed oral presentation	[O4.3] Contributed oral presentation
10:30	[O3.4] Contributed oral presentation	[O4.4] Contributed oral presentation
10:50	Coffee break & Poster viewing V	
11:20	[O3.5] Contributed oral presentation	[O4.5] Contributed oral presentation
11:40	[O3.6] Contributed oral presentation	[O4.6] Contributed oral presentation
12:00	[O3.7] Contributed oral presentation	[O4.7] Contributed oral presentation
12:20	General discussion of session topic & presentations	General discussion of session topic & presentations
12:50 - 14:20	Lunch & Poster viewing VI	Executive Roundtable: Industry Viewpoints on Green and Sustainable Chemistry (including lunch)
14:20- 18:30	Session 5: Green and Sustainable Pharmacy Session chairs: Vânia Gomes Zuin and Ricardo Barra	Session 6 – Energy Conversion and Storage Session chairs: Rajender Varma and Giuseppe Resnati
14:20	[K.06] sustainable pharmacy: The twin of sustainable chemistry Maximilian Hempel , Deutsche Bundesstiftung Umwelt, Germany	[K.07] Transforming our energy systems – a challenge for chemists and engineers Ferdi Schüth , Max Planck Institute Mülheim, Germany
14:55	[Inv.5] Sustainable pharmacy and pharmacy curriculum Tiina Sikanen , University of Helsinki, Finland	[Inv.6] Sustainable carbon materials for renewable energy Madga Titrici , Queen Mary University, London, UK

15:20	Coffee break & Poster viewing VII	
15:30	[O5.1] Contributed oral presentation	[O6.1] Contributed oral presentation
15:50	[O5.2] Contributed oral presentation	[O6.2] Contributed oral presentation
16:10	[O5.3] Contributed oral presentation	[O6.3] Contributed oral presentation
16:30	Coffee break & Poster viewing VIII	
17:00	[O5.4] Contributed oral presentation	[O6.4] Contributed oral presentation
17:20	[O5.5] Contributed oral presentation	[O6.5] Contributed oral presentation
17:40	[O5.6] Contributed oral presentation	[O6.6] Contributed oral presentation
18:00-18:30	General Discussion	General Discussion
19:30-22:00	Offsite Dinner Käfers Restaurant at the Reichstag Building (book tickets via online registration page)	

Wednesday, 17 May, 2017		
08:30-11:50	Session 7 – Education for Sustainable Chemistry Session chairs: Roland Weber and Rob van Daalen	Session 8 – Sustainable Chemistry, Developing Countries and the UN Sustainable Development Goals Session chairs: Joel Tickner and Björn Hansen
08:30	[K.08] Sustainable chemistry challenges from a developing country's view: Education, plastic pollution and beyond Ricardo Barra , University of Concepcion, Chile	[K.09] The expectations to sustainable chemistry from a developing country's view Sam Adu-Kumi , Environmental Protection Agency, Ghana
09:05	[Inv.7] The GREENOMics Network Giuseppe Resnati , University of Milan, Italy	[Inv.8] The UN Global Chemical Outlook II Achim Haalpap , UNEP, Switzerland
09:30	Coffee break & Poster viewing IX Wintergarden/Garden Lounge	
10:00	[O7.1] Contributed oral presentation	[O8.1] Contributed oral presentation
10:20	[O7.2] Contributed oral presentation	[O8.2] Contributed oral presentation
10:40	[O7.3] Contributed oral presentation	[O8.3] Contributed oral presentation
11:00	[O7.4] Contributed oral presentation	[O8.4] Contributed oral presentation
11:20	[O7.5] Contributed oral presentation	[O8.5] Contributed oral presentation
11:40	General Discussion	General Discussion
12:10	Poster viewing	
12:30	Challenge Awards, Poster Prize and closing remarks Chair: Klaus Kümmerer	
14:00-14:30	Free Bus transfer to ISC3 inauguration event at Stresemann Straße (Berlin Center)	