



Program structure

Sunday, July 16th, 2017

From 16:00	Registration desk opens
16:00 – 19:00	Welcome reception
19:00	Registration desk closes

Monday, July 17th, 2017

- 7:00 Registration desk opens
- 8:10 – 8:50 Opening ceremony - Plenary
- 8:50 – 9:40 **Steve McGrath**, Rothamsted Research, UK - Plenary
Translation of biogeochemical TE research into environmental regulations
- 9:50 – 12:20 Morning parallel Technical Sessions / Special Symposia
1. **Symp1 – Red room:** [Risk assessment and remediation of TE](#)
 2. **Symp2 – Orange room:** [Interactions between biochars and TE](#)
 3. **Symp3 – Yellow room:** [Antimony in the environment](#)
 4. **Sess1a – Blue room:** [Biogeochemical behavior of TE in the environment – aquatic](#)
 5. **Sess2 – Green room:** [Interactions of organisms with TE](#)
 6. **Symp4 – Violet room:** [TE analysis of environmental samples with X-rays](#)
- 9:50 – 10:30 Oral presentations (40 minutes)
- 10:30 – 11:00 *Coffee break*
- 11:00 – 12:20 Oral presentations (80 minutes)
- 12:20 – 13:30 *Lunch break*
- 13:30 – 16:50 Afternoon parallel Technical Sessions / Special Symposia
1. **Symp1 – Red room:** [Risk assessment and remediation of TE](#)
 2. **Sess3 – Orange room:** [TE radionuclides in the environment](#)
 3. **Symp3 – Yellow room:** [Antimony in the environment](#)
 4. **Sess1a – Blue room:** [Biogeochemical behavior of TE in the environment – aquatic](#)
 5. **Symp5 – Green room:** [Nanomaterials: Applications and impacts](#)
 6. **Symp4 – Violet room:** [TE analysis of environmental samples with X-rays](#)
- 13:30 – 14:10/14:30 Oral presentations (40 or 60 minutes, depending on session)
- 14:10/14:30 – 16:10 Poster session (including coffee break)
Symposia 1; 2; 3; 4; 5; Sessions 1a; 3
- 16:10 – 16:50 Oral presentations (40 minutes)
- 17:00 – 17:50 **Jian Feng Ma**, Okayama University, Japan – Plenary
Genes controlling cadmium and arsenic accumulation in rice

Tuesday, July 18th, 2017

- 7:30 Registration desk opens
- 8:20 – 9:10 **Edward Tipping**, Centre for Ecology & Hydrology, UK – Plenary
Metal speciation modelling from the laboratory to the field to the organism and toxicity
- 9:20 – 12:20 Morning parallel Technical Sessions / Special Symposia
1. **Sess4a – Red room.:** [Monitoring & risk management – monitoring and risk](#)
 2. **Symp6 – Orange room:** [Radio Cs and other radionuclides in the agricultural environment](#)
 3. **Symp3 – Yellow room:** [Antimony in the environment](#)
 4. **Sess1b – Blue room:** [Biogeochemical behavior of TE in the environment – terrestrial](#)
 5. **Sess2 – Green room:** [Interactions of organisms with TE](#)
 6. **Symp7 – Violet room:** [Effects of iron transformations on the biogeochemistry of TE](#)
- 9:20 – 10:30 Oral presentations (70 minutes)
- 10:30 – 11:00 *Coffee break*
- 11:00 – 12:20 Oral presentations (80 minutes)
- 12:20 – 13:30 *Lunch break*
- 13:30 – 16:50 Afternoon parallel Technical Sessions / Special Symposia
1. **Sess4a – Red room.:** [Monitoring & risk management – monitoring and risk](#)
 2. **Symp6 – Orange room:** [Radio Cs and other radionuclides in the agricultural environment](#)
 3. **Symp9 – Yellow room:** [TE-contaminated soils](#)
 4. **Sess1b – Blue room.:** [Biogeochemical behavior of TE in the environment – terrestrial](#)
 5. **Symp8 – Green room.:** [Biogeochemistry of emerging TE in aquatic and terrestrial systems](#)
 6. **Symp7 – Violet room:** [Effects of iron transformations on the biogeochemistry of TE](#)
- 13:30 – 14:10/14:30 Oral presentations (40 or 60 minutes, depending on session)
- 14:10/14:30 – 16:10 Poster session (including coffee break)
Posters: Symposia 6; 7; 9; Sessions 2; 4a
- 16:10 – 16:50 Oral presentations (40 minutes)
- 17:00 – 17:50 **Lenny Winkel**, ETH Zurich, Switzerland - Plenary
Biogeochemical cycling of selenium
- 17:50 – 18:20 ISTEBA General Assembly

Wednesday, July 19th, 2017

- 7:30 Registration desk opens
- 8:20 – 9:10 **Claudia Blindauer**, University of Warwick, UK – Plenary
Native and adventitious interactions of essential and toxic metal ions with proteins: experimental and theoretical „-omics“ approaches
- 9:20 – 12:20 Morning parallel Technical Sessions / Special Symposia
1. **Sess4a – Red room.:** [Monitoring & risk management – monitoring and risk](#)
 2. **Sess5 – Orange room.:** [\(Eco\)toxicology of TE](#)
 3. **Symp9 – Yellow room:** [TE-contaminated soils](#)
 4. **Sess1b – Blue room.:** [Biogeochemical behavior of TE in the environment – terrestrial](#)
 5. **Symp5 – Green room:** [Nanomaterials: Applications and impacts](#)
 6. **Symp10 – Violet room:** [Metal hyperaccumulators: extreme TE biology and its applications](#)
- 9:20 – 10:30 Oral presentations (70 minutes)
- 10:30 – 11:00 *Coffee break*
- 11:00 – 12:20 Oral presentations (80 minutes)
- 12:20 – 13:30 *Lunch break*
- 13:30 – 16:30 Afternoon parallel Technical Sessions / Special Symposia
1. **Sess4b – Red room.:** [Monitoring & risk management – treatment and management](#)
 2. **Sess5 – Orange room.:** [\(Eco\)toxicology of TE](#)
 3. **Symp9 – Yellow room:** [TE-contaminated soils](#)
 4. **Symp8 – Blue room.:** [Biogeochemistry of emerging TE in aquatic and terrestrial systems](#)
 5. **Symp5 – Green room:** [Nanomaterials: Applications and impacts](#)
 6. **Symp10 – Violet room:** [Metal hyperaccumulators: extreme TE biology and its applications](#)
- 13:30 – 14:10 Oral presentations (40 minutes)
- 14:10 – 15:50 Poster session (including coffee break)
Posters: Symposia 8; 10; 11; Sessions 1b; 4b; 5; 6
- 15:50 – 16:30 Oral presentations (40 minutes)
- 16:40 – 17:30 **Rizlan Bernier-Latmani**, EPF Lausanne, Switzerland – Plenary
Role of microbial processes in the environmental fate of uranium

Thursday, July 20th, 2017

- 7:30 Registration desk opens
- 8:20 – 9:10 **Mélanie Auffan**, Cerege Aix en Provence, France – Plenary
Indoor mesocosms: an integrated approach to assess the environmental risks of nanomaterials
- 9:20 – 12:00 Morning parallel Technical Sessions / Special Symposia
1. **Sess4b – Red room.:** [Monitoring & risk management – treatment and management](#)
 2. **Symp11 – Orange room:** [Rethinking waste for nutrient and energy recovery](#)
 3. **Sess6 – Yellow room:** [Micronutrient deficiencies and biofortification](#)
 4. **Symp8 – Blue room.:** [Biogeochemistry of emerging TE in aquatic and terrestrial systems](#)
 5. **Tech Sess.:** [Monitoring & risk management – treatment and management](#)
 6. **Symp5 – Green room:** [Nanomaterials: Applications and impacts](#)
 7. **Symp10 – Violet room:** [Metal hyperaccumulators: extreme TE biology and its applications](#)
- 9:20 – 10:30 Oral presentations (70 minutes)
- 10:30 – 11:00 *Coffee break*
- 11:00 – 12:00 Oral presentations (60 minutes)
- 12:00 – 13:30 *Lunch break*
- 13:30 – 14:20 **Erick Boy**, HarvestPlus, USA – Plenary
Advances and challenges in biofortification
- 14:20 – 15:00 Closing ceremony