



**OPCW-TWAS workshop on
'Policy and Diplomacy for Scientists: Introduction to responsible research practices in chemical
and biochemical sciences'
Adriatic guesthouse, Trieste, Italy
12-15 September 2017**

AGENDA

Tuesday, September 12

- 09:00-9:30 Registration
09:30-10:00 Opening remarks (NA, TWAS, OPCW, UNESCO)

Session 1. Organisational framework

- 10:00-10:20 Gaetano Carminati (NA for the CWC, MFA, Italy) – Title TBD
10:20-10:40 Sergey Zinoviev (OPCW) – The OPCW and the Chemical Weapons Convention: A 20-year journey toward chemical disarmament and the promotion of peaceful uses of chemistry
10:40-11:00 Peter McGrath (TWAS) – Title TBD

11:00-11:20 *Coffee break*

Session 2. Science diplomacy and implications of science on policy

- 11:20-11:40 Peter McGrath (IAP) – Science Diplomacy and Science Advice: What Are They, and How Do They Work?
11:40-12:20 Jonathan Forman (OPCW) – Science Advice in the Implementation of the Chemical Weapons Convention
12:20-13:00 Daniel Feakes (Biological Weapons Convention Implementation Support Unit United Nations Office for Disarmament Affairs, Geneva, Switzerland) – Implementation of BWC, title TBC

13:00-14:00 *Lunch break*

14:00-14:40 Jo Husbands (NAS, USA) Science Organizations and Disarmament: IUPAC and the CWC and IAP and the BWC

Session 3. Multiple uses of science and related security issues

- 14:40-15:20 Sergey Zinoviev (OPCW) – Dual/Multiple Uses of Toxic Chemicals: from Warfare to Industrial Safety and Security Issues
- 15:20-15:40 *Coffee break*
- 15:40-16:20 Jonathan Forman (OPCW) – Chemical Weapons Convention Verification and Technological Change
- 16:20-17:00 Daniel Feakes (Biological Weapons Convention Implementation Support Unit United Nations Office for Disarmament Affairs, Geneva, Switzerland) – title on dual use in biosciences and biosecurity TBD
- 17:00-18:00 Presentations by 4 selected participants and discussion (15 min each)

Wednesday, September 13

- 09:00-11:0 Alastair Hay (University of Leeds, United Kingdom) – Multiple Uses of Chemistry, an interactive workshop
- 11:00-11:20 *Coffee break*
- 11:20-13:00 Multiple Uses of Chemistry, an interactive workshop – discussion (cntd.)
- 13:00-14:00 *Lunch break*

Session 4. Education and ethics for the sustainable and responsible science

- 14:00-14:40 Jo Husbands (NAS, USA) The Experience of the U.S. National Academy of Sciences with Education About Dual Use Issues in the Life Sciences
- 14:40-15:20 Alastair Hay (University of Leeds, United Kingdom) – Codes of Conduct and Responsible Research Practices for Scientists and The Hague Ethical Guidelines
- 15:20-15:40 *Coffee break*
- 15:40-16:20 Name TBD
- 16:20-17:00 Fires documentary, watching and discussion (moderated by S. Zinoviev)
- 17:00-18:00 Presentations by 4 selected participants and discussion (15 min each)

Thursday, September 14

Session 5. Better practices and solutions for safety, security and sustainability

- 09:00-09:40 Pietro Tundo (University of Venice and IUPAC) – Green/sustainable chemistry - TBC
- 09:40-10:20 Detlef Maennig (Evonik Industries AG and ICCA) – Sustainable chemical industry: safety, security and sound chemicals management, relevant policies and programmes - TBC

- 10:20 *Transfer to ICGEB*
- 11:00-13:00 Study tour to the ICGEB, demonstration of chemical and bio-safety and security practices in place, guided by Vittorio Venturi and Alessandro Marcello
- 13:00-14:00 *Lunch break at the AREA Science Park*
- 14:00 *Transfer to University of Trieste*
- 14:00-14:30 Francesca Larese Filon (University of Trieste, Italy) – Introduction to the university and some information on the safety in the lab (Aula Cammarata)
- 14:30-17:20 Visit to laboratories of the Department of Chemistry and Pharmacy (Building C11) and Department of Life Sciences (building Q) for demonstration of chemical and bio-safety and security practices in place

Session 6. Fostering capacity development and international cooperation in S&T

- 17:20-18:00 Maurizio Fermeglia (University of Trieste, Italy) The role of University as a catalyst for science, technology and society

Friday, September 15

- 09:00-09:30 Max Paoli (TWAS) – Opportunities Available through TWAS
Tonya Blowers (OWSD) – Opportunities Available through OWSD
- 09:30-10:00 Sergey Zinoviev (OPCW) – OPCW Capacity Building Programmes for Promotion of the Peaceful Applications of Chemistry
- 10:00-10:30 Pietro Tundo (IUPAC and University of Venice, Italy) – Title on IUPAC programmes TBD

Discussion session

- 10:30-11:00 Discussion on the opportunities for cooperation and dialogue between scientists and policy makers (moderators: P. McGrath, A. Hay, P. Tundo, S. Zinoviev)
- 11:00-11:20 *Coffee break*
- 11:20-12:00 Discussion, cntd.
- 12:00-13:00 Closing session and handling of certificates