

Cd 9th International Cadmium Conference

October 26 -27, 2016 • Lisbon, Portugal



Final program

Tuesday 25 October 2016

18:00 Registration desk opens

18:00 Welcome cocktail

Wednesday 26 October 2016

9:30 Welcome word

Howard Winbow, Chair ICdA

9:45 Objectives

Mik Gilles, General Manager ICdA

Session 1: Cadmium human health effects: workers and general population
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10:00 Lung cancer risks and cadmium exposure: what are the studies in humans really telling us
Prof. Thomas Sorahan, University of Birmingham, UK

10:25 Dietary exposure to cadmium and risk of breast cancer among postmenopausal women: a systematic review and meta-analysis
Prof. Geneviève Van Maele, UCL, Belgium

10:50 Evaluation of health effects of cadmium: chronic kidney disease and prostate cancer in workers and the general population. A systemic review and meta-analysis
Dr. Violaine Verougstraete, Eurometaux, Brussels, Belgium

11:15 Coffee break

11:45 Review and meta-analysis on the cadmium exposure and effects in the general, non-occupationally exposed population
Prof. Erik Smolders et al., KUL, Belgium

12:10 Confusion about cadmium risks: the unrecognized limitations of an extrapolated paradigm
Prof. Alfred Bernard, UCL, Belgium

12:35 Q&A

13:00 Lunch

Session 2: Occupational exposure and cadmium control

- 14:00 ICdA's Cadmium risk management system: update
Dr. Mik Gilles and Dr. Noömi Lombaert, ICdA, Brussels, Belgium
- 14:25 Practical example of implementation of the ICdA Guidance in a UK Cd pigment plant
Dr. Howard Winbow, JamesMBrown, UK
- 14:50 Practical example of implementation of a medical surveillance program in a Malaysian CdTe solar cell plant
Dr. Parikhith Sinha, First Solar, USA
- 15:15 Coffee Break**
- 15:45 Application of the ICdA Code of Conduct at a Canadian Metallurgical Complex
Chris D'Odorico, Teck, Canada
- 16:10 How to sample the Cd respirable fraction at the workplace. A practical example
Dr. Dirk Gielen and Marc De Groof, Nyrstar
- 16:35 A survey of occupational exposure to cadmium at workplaces in the EU: results of Industry Guidance implementation OCdBIO
Mik Gilles, ICdA, Belgium and Patrick de Metz, SAFT Batteries, France
- 17:00 End of Day 1 presentations

20:00 Dinner

Thursday 27 October 2016

Session 3 : Cadmium environmental aspects

- 9:00 Future trends in soil cadmium concentration under current cadmium fluxes to European agricultural soils
Prof. Erik Smolders, KUL, Belgium
- 9:35 Trends in Cd emissions and Cd in the environment
Dr. Frank Van Assche, IZA, Belgium
- 10:00 Cadmium in the Human Food Chain: recent developments in food standards
Dr. Rufus Chaney, US Department of Agriculture, Agricultural Research Service, USA
- 10:25 The M-files, do metals have endocrine disrupting effects: the truth is out there!
Dr. Marnix Vangheluwe and Dr. Rita Cordvrint, Arche Consultants, Belgium
- 10:50 Coffee break**

Session 4 : Regulations

- 11:20 EU REACH: restriction cases, preparing for authorization and worldwide REACH look-alikes
Dr. Noömi Lombaert and Dr. Christian Canoo, Cadmium Reach Consortium, Belgium
- 11:45 Cadmium in the European Water Framework Directive: Historical perspective, Current Status and Future Outlook
Dr. Chris Cooper, IZA, Brussels, Belgium
- 12:10 Significance of cadmium from artists' paints to agricultural soil and the food chain
Dr. Simon Franz-Georg, BAM Federal Institute for Materials Research, Berlin, Germany
- 12:35 Example of efforts done to reduce emissions to the environment in NiCad battery recycling facility
Eric Nottez, SNAM, France
- 13:00 Lunch**

Session 5 : Cadmium markets and applications

- 14:00 Cadmium 2016: Applications, Markets and the Effects of Regulations
Hugh Morrow, ICdA, USA
- 14:20 Trends for Cadmium Production and Usage in China
Paul Kolisnyk, Teck, Canada
- 14:40 Indian and Asian Cadmium market
Dr. Samarth Agarawal, Rise Chemical Industries, India
- 15:00 Cadmium pigments market
Howard Winbow, JamesMBrown, UK
- 15:20 Recycling aspects of CdTe PV panels
Parikhit Sinha, First Solar, USA and Michaela Ilie, 5NPlus, Canada
- 15:40 Coffee break**
- 16:10 Industrial Ni-Cd batteries, "what do they bring and where are they used"?
Patrick de Metz, SAFT Batteries, France
- 16:30 NiCd batteries for power tools: future outlook
Claude Chanson, Recharge, Brussels, Belgium
- 16:50 Recycling of NiCd batteries
Patrick de Metz, SAFT Batteries, France and Eric Nottez, SNAM, France
- 17:10 Closing speech and summary**

Dr. Howard Winbow (Chair ICdA)

17:20 End of conference

