



ITALIAN SCIENTISTS DOWN UNDER

5 May 2016

Istituto Italiano di Cultura, 233 Domain Road, South Yarra, Melbourne
CHAIR: Prof. Oscar Moze, Science Attaché, Embassy of Italy, Canberra

09:30 *Registration*

09:50 *Opening and Welcome* **Marco Maria Cerbo**, Consul General of Italy, Melbourne
Carmela Panetta, Director, Istituto Italiano di Cultura, Melbourne

10:00 *The Australian Academy of Science and its international engagement* **Professor Andrew Holmes**,
President, Australian Academy of Science

10:15 *Science Diplomacy - Italian Style* **Oscar Moze**, Science Attaché, Embassy of Italy, Canberra

10:30 **Morning Coffee**

11:00 *Tuning the physicochemical properties of drug carriers to make them smarter* **Francesca Cavalieri**,
ARC Future Fellow, Department of Chemical and Biomolecular Engineering, University of Melbourne

11:20 *Treating cancer with a synchrotron: the microbeam radiotherapy project at the Australian Synchrotron*
Daniele Pelliccia, School of Science, RMIT University, Melbourne

11:40 *From Epitectus to Montalbano: seafood, urban myths and why should you care about aquaculture feed*
Giovanni M. Turchini, School of Life and Environmental Sciences, Deakin University, Geelong

12:00 *Introduction to the Australian Animal Health Laboratory* **Antonio Di Rubbo**, Diagnosis Emergency
Response Laboratory, Australian Animal Health Laboratory, CSIRO, Geelong

12:20 *Biofilms on medical devices: identification and visualisation techniques* **Rosalia Cavaliere**, Cochlear
Fellow, ithree Institute, University of Technology Sydney

12:45 **Lunch**

14:00 *Immunotherapies and the fight against cancer: can mathematics help?* **Federico Frascoli**, Department
Of Mathematics, School of Science, Faculty of Science, Engineering and Technology, Swinburne
University of Technology, Melbourne

14:20 *Morphing Technologies and Their Development: From Deployable Wings to Flow Control* **Pier Marzocca**,
School of Engineering, RMIT University, Melbourne

14:40 *Progress in Air Traffic Management Systems Research: Enabling Safer, More Efficient and Greener Air
Transport Operations* **Roberto Sabatini**, School of Engineering, RMIT University, Melbourne

15:00 *Computational Geodynamics: Building the highest mountains of the world on a supercomputer*
Fabio. A. Capitanio, School of Earth, Atmosphere and Environment, Monash University

15:20 *Biomass Processing for Chemicals, Fuels and New Materials* **Antonio Patti**, Co-director Chemicals
and Plastics Manufacturing GRIP, School of Chemistry, Faculty of Science, Monash University

15:40 **Afternoon Coffee**

16:10 *Game theory and the environment* **Luca Colombo**, Faculty of Business and Law, Deakin School of
Business, Deakin University, Geelong

16:30 *Learning processes* **Andrea Collevocchio**, School of Mathematical Sciences, Monash University

16:50 *Smart membranes that do not wrinkle* **Pierluigi Cesana**, Institute of Mathematics for Industry – Australia
Branch, Department of Mathematics and Statistics, La Trobe University

17:10 *New developments in osteoarthritis* **Flavia Cicuttini**, Head of Rheumatology, Alfred Hospital and Head of
Musculoskeletal Unit, School of Epidemiology and Preventive Medicine, Monash University

17:30 *Research on traumatic brain injury: from severe brain damage to concussion and back* **Cristina Morganti-
Kossmann**, Department of Epidemiology and Preventive Medicine, Monash University and Barrow
Neurological Institute, Department of Child Health, University of Arizona, Phoenix, AZ, USA

17:50 *Presentation of the activities of the Association for Research between Italy and Australia – South
Australia (ARIA-SA) and proposals for creating a national network of Italian researchers in Australia*
Oscar Moze

19:00 **Reception** Hosted by the Consul General of Italy, Melbourne