

ITALIAN SCIENTISTS DOWN UNDER 2015

Woolcock Institute of Medical Research, University of Sydney, 26 November 2015

CHAIR: Prof. Oscar Moze, Science Attaché, Embassy of Italy, Canberra

09:30 *Registration*

09:55 *Opening and welcome, Arturo Arcano*, Consul-General of Italy, Sydney

10:00 *Italian-Australian science and technology collaboration* **Cameron Slatyer**, International Science Strategy Section, Science Policy Branch, Science Policy and Governance Division, Department of Industry, Innovation and Science

10:15 *University of Sydney Global Engagement: Focus on Italy* **Sandra Margon**, International Development Manager, Europe and the Middle East, Office of the Deputy Vice-Chancellor - International

10:30 *Research at the Woolcock Institute of Medical Research* **Daniela Traini**, Woolcock Institute of Medical Research, ARC Future Fellow, Sydney Medical School, University of Sydney

10:45 **Coffee**

11:15 *Quantum computing with single atoms in silicon* **Andrea Morello**, School of Electrical Engineering and Telecommunications, Program Manager – Centre for Quantum Computation and Communication Technology, UNSW

11:30 *Mapping the edge of reality: automating the search for causality in quantum correlations* **Alberto Peruzzo**, ARC DECRA Research Fellow, School of Physics, University of Sydney

11:45 *Sugars, Drugs and Rock & Roll* **Michela Simone**, RACI Nyholm Youth Lecturer 2015-2016, School of Environmental and Life Sciences, University of Newcastle

12:00 *Microfluidics in (radio)chemistry: challenges and opportunities* **Giancarlo Pascali**, Radiocarbon & Radiohalogen Task Leader - Camperdown Cyclotron, ANSTO Life Sciences

12:15 *The radiobiology of Molecular Radiotherapy: looking for the elusive relationship between radiation dose and patient response to therapy* **Alessandra Malaroda**, Centre for Medical Radiation Physics, School of Physics, University of Wollongong

12:30 *MYCN mediated transcriptional repression in Neuroblastoma* **Emanuele Valli**, Children's Cancer Institute, Lowy Cancer Research Centre, UNSW

12:45 **Lunch**

14:00 *The contribution of metabolomics to systems biology* **Michael J. D'Occhio**, Nancy Roma Paech Chair in Range Science, Faculty of Agriculture and Environment, Centre for Carbon, Water and Food, University of Sydney

14:15 *Plant Science in the Digital Age: The Australian Plant Phenomics Facility* **Antonio Agostino**, Honorary Fellow, CSIRO Agriculture, Canberra

14:30 *Lower Alcohol Wine - Grape Harvest and Membrane Processing Approaches* **Rocco Longo**, School of Agricultural and Wine Sciences, National Wine and Grape Industry Centre, Charles Sturt University, Wagga Wagga

14:45 *Simulations of impacted planetary surfaces* **Graziella Caprarelli**, Division of IT, Engineering and the Environment, University of South Australia

15:00 **Coffee**

15:30 *Robust Superhydrophobic Coatings* **Chiara Neto**, School of Chemistry, University of Sydney

15:45 *Systems medicine to study viral infections: opportunities and challenges* **Fabio Luciani**, Faculty of Medicine, UNSW

16:00 *Sailing for Science: Crowdsourcing the collection of Oceanographic data* **Federico Lauro**, School of Biotechnology and Biomolecular Sciences, UNSW

16:15 *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* **Rodrigo Praino**, School of Social and Policy Studies, Faculty of Social and Behavioural Sciences, Flinders University and Secretary of ARIA-SA

17:30 **Reception**, hosted by the Science Attaché, Embassy of Italy and the Italian Institute of Culture, Sydney