



Italy - Australia Science and Innovation Forum

..... *15 May 2017*

The Shine Dome, Australian Academy of Science
15 Gordon St, Canberra

Italy and Australia have enjoyed a long standing relationship in bilateral science and technology. This relationship, as measured by publications, has more than tripled over the past decade. Italy was Australia's eighth highest publications partner over the period 2011-15, with almost 8000 joint publications, whilst Australia was Italy's eleventh highest collaborator over the same period. Italy, along with Australia, is a founding member, and one of the ten full members, of the Square Kilometre Array global science project. There are over 190 active cooperation agreements between Italian and Australian universities and research agencies.

Bilateral scientific cooperation has also been enhanced by the many young and talented Italian scientists who have recently migrated to Australia to pursue their careers. Both countries remain committed in continuing this research relationship to mutual benefit. The Embassy of Italy, the Department of Industry, Innovation and Science and the Australian Academy of Science are hosting the first Italy-Australia science and innovation forum at the Shine Dome in Canberra. The forum aims to inform and highlight the science and innovation capabilities of both countries and to identify mechanisms and processes for enhancing bilateral cooperation in science and innovation.



Australian Government
Department of Industry,
Innovation and Science



Embassy of Italy
Canberra

Program

- 8.30 – 9.00** Registration and coffee
Chair: Oscar Moze, Science Attaché, Embassy of Italy
- 9.00 – 9.15** ***Welcome and opening***
Anna-Maria Arabia, Chief Executive, Australian Academy of Science
Professor Andrew Holmes, President, Australian Academy of Science
H. E. Pier Francesco Zazo, Ambassador of Italy to Australia
- 9.15 – 9.30** ***INAF and the astrophysics facilities of the next decade***
Professor Enrico Cappellaro, Vice-President, Istituto Nazionale di Astrofisica (INAF)
- 9.30 – 9.45** ***From micro to macro – the cosmos in the INFN particle and astroparticle roadmap***
Professor Antonio Masiero, Vice-President, Istituto Nazionale di Fisica Nucleare (INFN)
- New frontiers of space***
- 9.45 – 10.00** Synergies between ground-based and space-borne observations of the universe: a successful collaboration between Australia and Italy
Dr Filippo Zerbi, Scientific Director, Istituto Nazionale di Astrofisica (INAF)
- 10.00 – 10.15** Exploring other planets and coming back to Earth
Dr Enrico Costa, Italian Space Agency (ASI)
- 10.15 – 10.30** The global collaboration in gravitational wave research: an opportunity for Australia and Italy
Professor Federico Ferrini, Director, European Gravitational Observatory (EGO)
- 10.30 – 10.45** INGV's ionospheric research and cooperation with the Space Weather Services of the Australian Bureau of Meteorology
Dr Carlo Scotto, Istituto Nazionale di Geofisica e Vulcanologia (INGV)
- New technologies and the circular economy for agriculture and food***
- 10.45 – 11.00** Sustainable food systems: the contribution of research and innovation
Dr Andrea Sonnino, Agenzia Nazionale per le Nuove Tecnologie, L'energia e lo Sviluppo Economico Sostenibile (ENEA)
- Physics meets medicine: innovative diagnostic and curative approaches***
- 11.00 – 11.15** Enhancement of the hadron therapy approach for medicine
Dr Sandro Rossi, General Manager, Centro Nazionale per l'Adroterapia Oncologica (CNAO)
- Marine science: from natural disaster management to innovative energy supply***
- 11.15 – 11.30** Research and scientific capacity building in the marine sector: OGS experience and expertise
Dr Simone Cosoli, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS)
- 11.30 – 12.00** Questions and answers
- 12.00 – 13.30** Networking lunch
- 13.30 – 14.00** A highlight of collaborations between researchers and SMEs from Italy and Australia
Dr Margaret Hartley, Chief Executive Officer, Australian Academy of Technology and Engineering
- 14.00 – 14.30** Conclusion and group photograph