

The Italian-Brazilian's collaboration in the study of the Universe

Thursday 4 December 2025 - Thursday 4 December 2025

Scientific Programme

09.30-09.45: Opening with Institutional Welcome

Alessandro Cortese, Ambassador of Italy to Brasil

Osório Coelho, Director of the Department for Innovation Programs, Ministry of Science, Technology and Innovation

Rodrigo Leonardi, *Deputy President of Brazilian Space Agency*

Eugênio Garcia, *Director of the Department of Science, Technology, Innovation and Intellectual Property, Ministry of Foreign Affairs*

Isabella Pagano, Science Director INAF

09.45-10.15: Optical and Infrared Observational Infrastructure and Scientific Instrumentation

Claudia Mendes de Oliveira (Universidade de São Paulo), Wagner Corradi (Laboratório Nacional de Astrofísica) and Bruno Castilho (Laboratório Nacional de Astrofísica)

Laura Magrini (*INAF - Osservatorio Astrofisico di Arcetri*)

10.15-10.45: Radiotelescopes and Cosmic Microwave Background

Amílcar Rabelo (*Universidade Federal de Campina Grande*) and Carlos Alexandre Wuensche (Instituto Nacional de Pesquisas Espaciais)

Paola Di Ninni (*INAF - Osservatorio Astrofisico di Arcetri*), Andrea Melis (*INAF - Osservatorio Astronomico di Cagliari*), Silvia Masi (*Università di Roma Sapienza*) and Paolo de Bernardis (*Università di Roma Sapienza*)

10.45-11.15: Artificial Intelligence in Astronomy

Clecio de Bom (Centro Brasileiro de Pesquisas Físicas) Andrea Possenti (*INAF - Osservatorio Astronomico di Cagliari*)

11.15-11.45: Gravitational Waves and Multi-messenger

Riccardo Sturani (*Instituto de Física Teórica*) and Odylio Aguiar (Instituto Nacional de Pesquisas Espaciais)

Enzo Brocato (*INAF - Osservatorio Astronomico di Roma*) and Alessandra De Rosa (*INAF - Istituto di Astrofisica e Planetologia Spaziali*)

11.45-12.15: High Energy Astrophysics and Cherenkov Telescope Array Observatory

Luiz Vitor de Souza (*Universidade de São Paulo em São Carlos*)

Massimo Cappi (*INAF - Osservatorio di Astrofisica e Scienza dello Spazio*) and Yuri Evangelista (*INAF - Istituto di Astrofisica e Planetologia Spaziali*)

12.15-12.30: *Conclusion** Fabio Naro Scientific Attaché

*Remote