



Workshop on Astrophysics and Relativity: Astro-GR 2015

Instituto de Física Teórica - UNESP, São Paulo, Brasil

August 11 - 15, 2015

The goal of the workshop is to address crucial questions in the fields, as well as to build new collaborative relationships – and strengthening existing ones – focused on the interpretation of gravitational wave (GW) observations using electromagnetic astrophysics as a tool of astronomical discovery and a probe of the fundamental physics of gravity. The new information obtained from current or future electromagnetic and GW observations provides an opportunity to challenge and refine theoretical models of the growth of massive black holes and the environments in galactic nuclei and other dense clusters. This workshop will tie observations and theoretical models to future GW and electromagnetic observations. The [School on Gravitational Waves: from data to theory and back](#) precedes this workshop. Candidates may apply either for one or both activities. *There is no registration fee and limited funds are available for local and travel support of participants.*

Organizers:

Pau Amaro-Seoane (MPI - Postdam)

José de Freitas Pacheco (Observatoire de la Cote d'Azur)

Riccardo Sturani (IFT-UNESP / ICTP-SAIFR)

Confirmed Speakers:

Tal Alexander (Weizmann Inst.)

Matthew Benacquista (U. Texas, Brownsville)

Tamara Bogdanovic (Georgia Tech)

Jorge Cuadra (U. Católica de Chile)

Massimo Dotti (Bicocca U.)

Zoltan Haiman (Columbia U.)

Pablo Laguna (Georgia Tech)

Paola Leaci (U. La Sapienza, Rome)

Ajith Parameswaran (ICTS, India)

Walter del Pozzo (U. of Birmingham)

Bangalore Sathyaprakash (University of Cardiff)

John Veitch (U. Birmingham)

Salvatore Vitale (MIT)



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The registration deadline is May 29, 2015

The online registration form and more information can be found at:

www.ictp-saifr.org/astrogr