



The 27th AIRAPT International Conference on High Pressure Science and Technology



Rio de Janeiro
August 4 - 9, 2019

Welcome to AIRAPT 27

The 27th International Conference on High Pressure Science and Technology (AIRAPT27), will be held in Rio de Janeiro from August 4 to 9, 2019, at a 5 stars Windsor Barra Hotel, located in the region of Barra da Tijuca, Rio de Janeiro, Brazil.

This conference, sponsored by AIRAPT, is the largest and most important scientific event in the field of high pressure science and technology. It is held every two years since 1965, having been organized in Europe, Asia and United States. The 27th conference in Rio de Janeiro in 2019 will be the first one to be held in the southern hemisphere.

Rio de Janeiro is, more than ever, a city well suited to host International Conferences. Besides being a wonderful city, it benefits from easy flight connections, lodging and entertainment facilities akin to the main touristic centers in the world.

On the occasion of the planned commissioning of the extreme conditions beamline at SIRIUS in 2019, a satellite event on "Synchrotron Techniques under High Pressure" will be organized in Campinas to celebrate this milestone in high pressure research in Latin America.

Topics

- Bio- and Life Sciences, Soft Matter
- Geo and Planetary Sciences
- Large Facilities
- Metrology and Industrial Applications
- Chemistry under extreme conditions
- Modelling & Simulation
- Strongly Correlated Systems
- Electronic, Magnetic & Transport Properties
- Hydrogen based materials
- Dynamical Pressure
- Synthesis & Properties of Novel Materials
- High Pressure Instrumentation
- Carbon Based Materials
- Molecular Systems
- Structural Studies at Extreme Conditions

Important dates in 2019

- Start of abstracts submission: January 15th
- Start of early registrations: April 15th
- Abstracts submission deadline: May 15th
- Early registrations deadline: June 3rd
- Start registration at the conference venue: August 4th
- Manuscript submission deadline: August 9th

Organizers

Elisa Baggio Saitovitch - CBPF
João A. H. da Jornada *and* Altair S. Pereira - UFRGS

Venue

Windsor Barra Hotel
Av. Lúcio Costa, 2630 - Barra da Tijuca
Rio de Janeiro - RJ
Phone: +55 21 2195-5000
<http://windsorhoteis.com/hotel/windsor-barra>

Host Institutions



<http://www.airapt27.cbpf.br>
email: airapt27@cbpf.br

Sponsors

