



**INTERNATIONAL WORKSHOP ON ASTRONOMY AND RELATIVISTIC ASTROPHYSICS: Quarks and Cosmos - IWARA 2016
SECOND CIRCULAR / JANUARY 2016**

Dear Colleague, some key information about the Workshop IWARA 2016 is below synthesized:

- **PERIOD OF IWARA 2016:** from 9th to 13th October, 2016.
- **LOCATION OF IWARA 2016:** Events Center of the Foundation for Support of the Federal University of Rio Grande do Sul – FAUFRGS/UFRGS, Gramado city, Brazil, located 125 km from Porto Alegre, the capital of Rio Grande do Sul State. See map [here](#).
- **TOPICS OF IWARA 2016:** New phenomena and new states of matter in the Universe, general relativity, gravitation, cosmology, heavy ion collisions and the formation of the quark-gluon plasma, white dwarfs, neutron stars and pulsars, black holes, gamma-ray emission in the Universe, high energy cosmic rays, gravitational waves, dark energy and dark matter, strange matter and strange stars, antimatter in the Universe, strong magnetic fields in the Universe, strong magnetic fields in compact stars and in galaxies, ultra-strong magnetic fields in neutron star mergers, quark stars and magnetars, strong magnetic fields and the cosmic microwave background, and topics related to these. As in the previous editions, the IWARA 2016 will promote a scientific environment marked by a friendly atmosphere, fruitful discussions and intensive exchange of ideas.
- **ORGANIZING COMMITTEE AND SCIENTIFIC ADVISORY COMMITTEE OF IWARA 2016:** follow [here](#).
- **PROCEEDINGS.** The publisher of the Proceedings of IWARA 2016 will be informed as soon as possible.
- **POSTER SESSION.** Poster sessions will be organized during the event IWARA 2016. Details will be informed soon.
- The **MÁRIO SCHENBERG PRIZE** will be offered to the best three students posters. The Brazilian physicist Mário Schenberg is best known for his contributions on the *URCA Process*, --- which takes part in the cooling processes of neutron stars and white dwarfs ---, together with George Gamow and the *Schenberg-Chandrasekhar* limit for the maximum mass of a star in which the hydrogen of its core is exhausted, together with Subrahmanyan Chandrasekhar.
- **WALTER GREINER, JOSÉ DE FREITAS PACHECO and REMO RUFFINI**, distinguished members of the *IWARA community* will be honored during IWARA 2016 for their brilliant career and scientific contributions.
- **ACCOMMODATIONS.** The organization of the meeting is not responsible for the accommodation of the participants. Please find [here](#) a list of hotels and guesthouses located in Gramado.
- **PREVIOUS IWARA SERIES:** [IWARA 2003](#), [IWARA 2005](#), [IWARA 2007](#), [IWARA 2009](#), [IWARA 2011](#), [IWARA 2013](#).
- **INVITATION LETTER:** Researchers that need an invitation letter for the participation in the event are kindly asked to require it when filling the [pre-registration form](#) in the website of the event. In view of our limited financial resources, we strongly recommend that participants request financial support from their state or national research institutions or any other agency for promotion of research.
- **REGISTRATION FEES:** **150 Euros for senior researchers and professors**, and **60 Euros for students**, covering coffee breaks during the scientific sessions, book of abstracts and other promotional materials. Local transportation (*Porto Alegre Airport/Gramado/Porto Alegre Airport*) for the participants is also included into the fees as well as a confraternity ceremony (cocktail of welcome) and free WI-FI connection at the meeting. Registration of participants will be held on Sunday, October 9, 2016, starting from 17 AM on, at the workshop venue (click on **LOCATION OF IWARA 2016**). Mechanisms for the payment of the fees will be informed soon.
- **COCKTAIL OF WELCOME.** On Sunday, October 9, at 19:30 it will be offered, to all participants and their companions, in the conference venue (click on **LOCATION OF IWARA 2016**), a cocktail of welcome with local wine and sparkling, cheese, savory, sandwiches, sweets, juices, tea and water.
- **LUNCHEAS AND DINNERS.** The locations of lunches and dinners are free choice of participants.
- **TOUR AND FESTIVE DINNER.** On Wednesday, October 12, we are planning a tour in the region around Gramado city, leaving the conference venue at 14:00 AM, and at the same day a festive dinner at 20:30 AM. The tour sites and the location of the festive dinner will be informed as soon as possible.
- **SLIDE SHOW ABOUT GRAMADO:** download it [here](#).
- **POSTER OF IWARA 2016:** download it [here](#).
- **WEBSITE OF IWARA 2016:** www.if.ufrgs.br/IWARA2016.

We cordially invite you to attend and contribute to the meeting. If you have any further question, please do not hesitate to contact us via the official e-mail iwara2016@gmail.com.
Best Regards / Organizing Committee – IWARA2016