

12th International ISAAC Congress
July 29 - August 02, 2019
University of Aveiro, Portugal

2nd ANNOUNCEMENT

The ISAAC board, the Local Organising Committee and the Department of Mathematics at the University of Aveiro, Portugal, are pleased to announce the 12th International ISAAC Congress to be held in Aveiro, Portugal from July 29 to August 02, 2019.

The 12th International ISAAC congress continues the successful series of biannual meetings previously held in Delaware, USA (1997), Fukuoka, Japan (1999), Berlin, Germany (2001), Toronto, Canada (2003), Catania, Italy (2005), Ankara, Turkey (2007), London, UK (2009), Moscow, Russia (2011), Krakow, Poland (2013), Macao, China (2015), and Växjö, Sweden (2017).

Webpage of the Congress: <http://isaac2019.web.ua.pt/>

Confirmed plenary speakers:

Afonso Bandeira - Courant Institute, NYU, USA
Alexander Grigoryan - Universität Bielefeld, Bielefeld, Germany
Karlheinz Groechnig - Universität Wien, Wien, Austria
Håkan Hedenmalm - The Royal Institute of Technology, Sweden
André Neves - University of Chicago, USA
Roman Novikov - Centre de Mathématiques Appliquées, École Polytechnique, France
Tohru Ozawa - Waseda University, Tokyo, Japan
Samuli Siltanen - University of Helsinki, Finland
Durvudkhan Suragan - Nazarbayev University, Kazakhstan

Current list of sessions and their organizers:

• Applications of dynamical systems theory in biology (T. Lindström
<torsten.lindstrom@lnu.se>)

- Complex Analysis and Partial Differential Equations (O. Celebi <acelebi@yeditepe.edu.tr>, S. Rogosin)
- Complex Geometry (A. Schmitt <alexander.schmitt@fu-berlin.de>)
- Complex Variables and Potential Theory (T. A. Azeroglu, M. Lanza de Cristoforis <mldc@math.unipd.it>, A. Golberg, S. Plaksa)
- Constructive methods in the theory of composite and porous media, Vladimir Mityushev <vladimir.mituszew@up.krakow.pl>
- Fixed Point Theory, Ulam stability and related applications (E. Karapinar <erdalkarapinar@gmail.com>, J. Brzdek)
- Function Spaces and Applications (A. Almeida <jaralmeida@ua.pt>, A. Caetano, S. Samko)
- Function Spaces and their Applications to Nonlinear Evolutional Equations (Mitsuru Sugimoto, Baoxiang Wang <wbx@pku.edu.cn>)
- Generalized Functions and Applications (M. Kunzinger <michael.kunzinger@univie.ac.at>, M. Oberguggenberger, S. Pilipovic)
- Geometric & regularity properties of solutions to elliptic and parabolic PDEs (Pierre Bousquet, Lorenzo Brasco, Rolando Magnanini <magnanini@unifi.it>)
- Geometries Defined by Differential Forms (M. B. Can, S. Grigorian <sergey.grigorian@utrgv.edu>, S. Salur)
- Harmonic Analysis and PDEs (V. Georgiev, T. Ozawa, M. Ruzhansky, J. Wirth <jens.wirth@mathematik.uni-stuttgart.de>)
- Integral transforms and reproducing kernels (Z. Mouayn <mouayn@gmail.com>)
- Partial differential equations on curved spacetimes (A. Galstyan <anahit.galstyan@utrgv.edu>, M. Nakamura, K. Yagdjian)
- Pseudo differential operators (S. Molahajloo, M. W. Wong <mwwong@mathstat.yorku.ca>)
- Quaternionic and Clifford Analysis (S. Bernstein, U. Kähler <ukaehler@ua.pt>, I. Sabadini, F. Sommen)
- Recent Developments in the Analysis of Non-local Operators (D. Danielli <danielli@math.purdue.edu>, N. Garofalo)
- Recent progress in evolution equations (M. D'Abbicco <m.dabbicco@gmail.com>, M. R. Ebert)
- Spectral theory of partial differential equations (James Kennedy <jbkennedy@fc.ul.pt>, Davide Buoso)
- Theory and applications of boundary-domain integral and pseudodifferential operators (S. Mikhailov <Sergey.Mikhailov@brunel.ac.uk>, D. Natroshvili)
- Time-frequency analysis and applications (L. D. Abreu <labreu@kfs.oeaw.ac.at>, P. Balazs)

- Wavelet theory and its related topics (K. Fujita <keiko@sci.u-toyama.ac.jp>, A. Morimoto)

ISAAC AWARD

Awards will be presented to young scientists below the age of 40 at the time of the congress for particular merits in analysis, its applications and computation. Candidates for the awards may be nominated by ISAAC Board Members and Session Organisers, but also may apply by themselves.

Nominations and applications should be sent before April 30, 2019 to the address

M. Reissig
President, ISAAC
e-mail : reissig@math.tu-freiberg.de

An Awards Committee will select the awardees. Only participants of the congress will be eligible for the awards. In case a prize winner is unable to participate, she/he will receive only the award document without the corresponding prize.

ACCOMMODATION

We recommend that participants book accommodation as soon as possible, as Aveiro is becoming a popular tourist destination and the conference is taking place during peak season.

Accommodation should be either arranged directly with the appropriate hotels or, in the case of the student residence Complexo Residencial de Santiago, with the local organisers.

(1) Complexo Residencial de Santiago

Rooms at the student residence Complexo Residencial de Santiago are all single rooms without breakfast and with a shared bathroom for every two rooms. There is a limited number of such rooms and they will be

allocated on a "first come, first served" basis.

price per room - 18,70 euros / night (subjected to annual revision)

Prices do not include breakfast; however, there are several snack-bars and cafeterias spread throughout the campus where breakfast can be purchased for a few euros.

Rooms are guaranteed upon confirmation of availability and a **deposit payment of 5 nights**. This payment can be made together with the registration fee and it will be returned in case of cancellation (tax fees may apply). Unfortunately, it is not possible to guarantee rooms without a deposit payment.

You should contact the organisers by e-mail to check the availability and to make your reservation. The deadline for reservation and payment for these rooms is April 30, 2019, subject to availability.

(2) Hotels

Participants wishing to stay in a hotel are expected to book their rooms by themselves and we recommend to do this soon. There are plenty of reasonably priced hotels in walking distance of the university; the conference website has a list of suggestions with special prices available for participants. Alternatively, there are also various bed & breakfast possibilities (so-called *hospedarias*, *residenciais*, and *pensões*), which are generally cheaper than hotels. While some have a web presence others have to be contacted directly. In case of need of help contact the local organisers.

REGISTRATION

Registration is now open and can be done online via

<http://isaac2019.web.ua.pt/>

The registration fees are structured as follows:

registration fee (ISAAC members)	140 euros (if paid before 30/04/2019)
registration fee (ISAAC members)	170 euros (from 01/05/2019)
registration fee (non-members)	160 euros (if paid before 30/04/2019)
registration fee (non-members)	190 euros (from 01/05/2019)
special registration fee	65 euros (restrictions apply)

The standard registration fee covers the usual expenses (conference materials, digital volume of abstracts, schedules of talks, lunches, coffee breaks etc.).

The special registration fee is available upon approval by the local organisers to participants from developing countries (see the list of countries / regions that **do not qualify as developing countries** at the webpage) and research students without their own financial support (proof of status required). Lunches are not included in this fee. If you wish to apply for it, please contact the local organisers directly by email.

You are welcome to join the ISAAC Society and play a more active role in the Society activities. You can find how to apply on the web-page of the ISAAC <http://isaacmath.org/home/>.

Reduction in the registration fee applies immediately after your name is included in the list of the ISAAC members.

Participants who wish to give a second talk should negotiate about this with the local and session organisers and, if agreed, can do so for an additional registration fee of 20 euros.

We plan to organize a conference dinner. Further details will be announced in due course on the conference website. The price per participant is expected to be

Conference dinner - 50 euros per person.

Important: if you have **dietary restrictions** please contact the organisers. Do not forget to indicate your registration code.

Information on payment for registration and the additional fees via a

secure payment page or by international bank transfer will be posted soon. Please keep in mind that to be eligible for the discounted fee of 140/160 euros you must complete payment by the cut-off date of April 30, 2019, not just registration.

Additional support

The ISAAC Society reserved ten grants of 500 euros each to support **young researchers** or **PhD students** without own financial support. Interested candidates should send the following documents

1. Curriculum Vitae;
2. title and abstract of their proposed talk, plus confirmation of acceptance from the correspondent session organiser;
3. list of expected expenses;

to

12th.isaac.2019@gmail.com

under the reference "ISAAC - request of support" until **February 28, 2019**. Notification of the support granted will be given by **April 15, 2019**.

Letters of Invitation

If you need a formal letter of invitation in order to apply for a visa and/or financial support, please contact the local organisers directly at the following e-mail address:

12th.isaac.2019.visa@gmail.com

Letters of invitation will be sent upon request only.

Abstract submission

All Participants, who are interested in delivering a talk at the 12th International ISAAC Congress, are kindly requested to observe the following instructions for preparation of their abstracts:

1. Abstracts should be written in Latex, up to 300 words (about three quarters of one page in 11pt LaTeX article style). Use only standard commands provided by amsfonts and amssymb packages;
2. There should be no references and no drawings or footnotes;
3. Language: English only.
4. Deadline for submitting abstracts is April 30, 2019.

Abstracts should be submitted via the online registration page.

Proceedings

Information about Proceedings will be given in the 3rd Announcement.

To contact the local organisers please use the email address:
12th.isaac.2019@gmail.com