

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

3rd 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
Durbudkhan Suragan - Nazarbayev University, Kazakhstan

Current list of sessions and their organisers and contact person:

- 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)
- Partial Differential Equations with nonstandard growth (H. B. de Oliveira <holivei@ualg.pt>, S. Shmarev)
- 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 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)

In addition, there is a **Poster Session** for participants which do not see themselves reflected in the above topics.

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.

TRAVEL AND ACCOMMODATION

We are proud to announce TAP as the official congress carrier for ISAAC2019. You can check at the **webpage>Travel and Lodging>Official Carrier** for conditions and offers.

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 high season.

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

IMPORTANT WARNING! It is becoming common for participants of international conferences to be targeted by scammers, sometimes even real travel agencies, claiming to act on behalf of hotels / organisers and querying their arrival and departure details. As participants are requested to make their own arrangements for accommodation always be careful and confirm that you are dealing with your chosen hotel directly or your trusted booking website.

(1) Complejo Residencial de Santiago

Rooms at the student residence Complejo 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 (confirmed price)

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.

More information available at **webpage>Travel and Lodging**.

REGISTRATION

Registration is now open 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.

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.

ISAAC MEMBERSHIP

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.

PAYMENT

Instructions for payment, including the value for the conference fees, are available at **webpage>register and pay**.

Payment by bank transfer should be made to

Bank: Caixa Geral de Depósitos

Account Holder: Universidade de Aveiro / ISAAC2019

Address: Universidade de Aveiro Campus Universitário 3810-193
Aveiro, Portugal

NIB: 0836 00000022430

IBAN: PT50 0035 0836 00000022430 30

SWIFT CODE : CGDIPTPL

with the reference ISAAC19 #####, where ##### is your registration code at ISAAC 2019. Bank charges have to be borne by the sender.

There is a possibility for online payment. When you advance with your online payment, make sure you enable permission on your browser for pop-up windows to open such that the payment page can appear. Also, keep in mind that the transaction has a time limit of one (1) week to be concluded. The secure online payment only accepts **visa** or **mastercard** **with 3D secure protocol active** and it incurs in an additional fee of 2% of the total amount to be borne by the sender.

ABSTRACTS

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, labels** or **footnotes**;
3. Language: English only.
4. Deadline for submitting abstracts is April 30, 2019.

Abstracts should be submitted via the online registration page. You can check your abstract using the **template** available at **webpage>register and pay>abstract instruction** - please do not modify or introduce commands.

Participants who wish to present 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.

SOCIAL PROGRAM

There will be a conference dinner on Wednesday, July 31. Further details can be found on the conference website **webpage>social activities**. The price per participant is 50 euros per person.

As part of the conference dinner small tours to the surroundings of Aveiro region are offered, each of which will proceed in due time to the conference dinner's location. As there are a limited number of seats to each tour, you are required to make your choice at the conference reception.

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

ADDITIONAL SUPPORT

The ISAAC Society reserved ten grants of 500 euros each to support **young researchers** or **PhD students** without own financial support. Notification of the granted support will be given until **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.

PROCEEDINGS

Springer/Birkhäuser will publish the proceedings of the 12th ISAAC 2019. The texts of the communications, after the referee process, will be published in a volume of the Birkhäuser series *Trends in Mathematics, Research Perspectives*. Plenary lectures will be published in a volume of the *Springer Proceedings in Mathematics & Statistics*.

To contact the local organisers please use the email address:

12th.isaac.2019@gmail.com