

14th International ISAAC Congress
University of São Paulo, campus Ribeirão Preto (Brazil)
July 17-21, 2023

Second Announcement

The ISAAC board, the Local Organizing Committee and the Department of Computer Science and Mathematics at the University of São Paulo, Campus Ribeirão Preto (Brazil), are pleased to invite you to the 14th International ISAAC Congress to be held from July 17 to July 21, 2023.

For further information please refer to the conference webpage:
<https://dcm.ffclrp.usp.br/isaac/>

The 14th International ISAAC congress continues the successful series of 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), Växjö, Sweden (2017), Aveiro, Portugal (2019), Ghent, Belgium (2021).

Confirmed plenary speakers

Rafael Benguria, Pontificia Universidad Católica de Chile, Chile

Zdzislaw Brzezniak (University of York, UK)

Loukas Grafakos, University of Missouri, USA

Irena Lasiecka, University of Virginia, USA

Marius Mantoiu, Universidad de Chile, Chile

Anna Laura Mazzucato, Penn State University, USA

Monica Musso, University of Bath, UK

Gustavo Ponce, University of California, Santa Barbara, USA

Marcelo Viana, IMPA, Brazil

Current list of sessions and their organizers:

1) Applications of Dynamical Systems Theory in Biology

Organizer: Torsten Lindström (Linnaeus University, Sweden)

2) Complex Geometry

Organizer: Alexander Schmitt (Freie Universität Berlin, Germany)

3) Complex Variables and Potential Theory

Organizers: Tahir Aliyev Azeroglu (Gebze Technical University, Turkey),

Massimo Lanza de Cristoforis (University of Padua, Italy),

Anatoly Golberg (HIT Holon Institute of Technology, Israel) ,

Sergiy Plaksa (Institute of Mathematics of the National Academy of Sciences of Ukraine, Ukraine)

4) Evolution equations and dynamical systems

Organizers: Pedro Tavares Lopes and Marcone Corrêa Pereira, (IME-USP, Brazil)

5) Function Spaces and their Applications to Nonlinear Evolutional Equations

Organizers: Mitsuru Sugimoto (Nagoya University, Japan), Baoxiang Wang (Peking University, China)

6) Generalized Functions and Applications

Organizers: Michael Kunzinger (University of Vienna, Austria),

Marko Nedeljkov (University of Novi Sad, Serbia)

7) Harmonic Analysis and Partial Differential Equations

Organizers: Michael Ruzhansky (Ghent University, Belgium), Jens Wirth (University of Stuttgart, Germany), Vladimir Georgiev (University of Pisa, Italy)

8) Harmonic Analysis and Related topics

Organizer: Lucas Oliveira (UFRGS, Brazil), Tiago Picon (USP, Brazil)

9) Integral Transforms and Reproducing Kernels

Organizer: Zouhâir Mouayn (Université Sultan Moulay Slimane de Beni-Mellal, Morocco)

10) Partial Differential Equations on curved spacetime

Organizers: Anahit Galstyan (University of Texas RGV, Edinburg, USA), Makoto Nakamura (Osaka University, Japan), Karen Yagdjian (University of Texas RGV, Edinburg, USA)

11) PDEs in Fluid Mechanics

Organizers: Lucas Catão de Freitas Ferreira (UNICAMP, Brazil),

Nikolai Vasilievich Chemetov (USP, Brazil), Gabriela Planas (UNICAMP, Brazil),

Anna Laura Mazzucato (Penn State University, USA)

12) Pseudo Differential Operators

Organizer: Man Wah Wong (York University Toronto, Canada)

13) Quaternionic and Clifford Analysis

Organizers: Swanhild Bernstein (TU Bergakademie Freiberg, Germany), Uwe Kähler (University of Aveiro, Portugal), Irene Sabadini (Politecnico di Milano, Italy), Franciscus Sommen (Ghent University, Belgium)

14) Recent Progress in Evolution Equations

Organizers: Marcello D'Abbicco (University of Bari, Italy), Alessandro Palmieri (University of Bari, Italy) Michael Reissig (TU Bergakademie Freiberg, Germany)

15) Stochastic Processes

Organizers: Benedetta Ferrario (University of Pavia, Italy), Fernanda Cipriano (Universidade Nova de Lisboa, Portugal), Fernando Pigearde de Almeida Prado (USP, Brazil), Rafael Andres Rosales Mitrowsky (USP, Brazil)

16) Trends In Nonlinear Dispersive Equations

Organizers: Ademir Pastor (UNICAMP, Brazil), Felipe Linares (IMPA, Brazil),

Luiz Gustavo Farah (UFMG, Brazil), Mahendra Panthee (UNICAMP, Brazil)

17) Wavelet theory and its related topics

Organizers: Keiko Fujita (University of Toyama, Toyama, Japan), Akira Morimoto (Osaka Kyoiku Toyama, Japan)

ISAAC Award

The ISAAC Award aims to distinguish young scientists of age below 40 at the time of the congress for particular merits in Analysis, its Applications and Computation.

The list of previous prize winners can be found at <http://isaacmath.org/awards/>

Candidates for the awards may be nominated especially by ISAAC board members and session organizers, but may also apply by themselves. Nominations and applications should be sent before **January 15, 2023** to:

Uwe Kähler

ISAAC President

e-mail: ukaehler@ua.pt

REGISTRATION

Registration is now open and can be done online via website

<https://dcm.ffclrp.usp.br/isaac/>

The registration fees are structured as follows:

registration fee (ISAAC members) 70 euros (if paid before 30/04/2023)

registration fee (ISAAC members) 90 euros (from 01/05/2023 on)

registration fee (non-members) 80 euros (if paid before 30/04/2023)

registration fee (non-members) 100 euros (from 01/05/2023 on)

Student Fee and participants from developing countries: 40 euros (200 reais).

The registration fee covers the usual expenses: conference materials, schedules of talks and coffee breaks.

The special registration fee is available upon approval by the local organizers 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).

Information on payment for registration and the additional fees via a secure payment page or by international bank transfer will be posted soon.

ACCOMMODATION

Special rates in the hotels will be available for the participants. While most of them have an online booking system, others have to be contacted directly, for instance Pousada Santa Rita. In case you need some help from the local organizers, please complete your booking details in your on-line registration form.

The **deadline** to send us your booking details is **June 23, 2023**, subject to availability. After this date we cannot guarantee your reservation. You can find a list of suggestions for accommodation at <https://dcm.ffclrp.usp.br/isaac/hotels.html>

Mainly, we divide the Hotels in three groups:

1) Pousada Santa Rita: 10 minutes walking to the USP Campus, with some options around as pubs and restaurants;

2) JR Hoteis and Nobile Inn Executive Ribeirão Preto

They are located in the city center, one can easily reach USP Campus by using public transport as Bus and with more options around as pubs and restaurants;

3) Ibis Styles Jardim Botânico, Mercure and Wyndham Garden Ribeirão Preto;

They are located in a new area of the city, with quite good restaurants and a nice park around. They are not well connected with public transport, but our suggestion is to use Uber or usual Taxi to reach USP Campus in 20 minutes.

Travel Information

The participants should plan to arrive at Guarulhos International Airport in São Paulo (GRU) or at Viracopos Airport in Campinas (VCP). We will organize a shuttle service for speakers from/to these airports and Ribeirão Preto. Please fill in your on-line registration form, where you will find the shuttle's schedule, with the information about your travel details by June 23, 2023.

Alternatively, public transportation is available from both airports.

1) From GRU Airport (São Paulo): Take the "Airport Service Bus" (<https://www.airportbusservice.com.br>) from the airport to "Tietê Bus Station" ("Rodoviária do Tietê"). At "Tietê Bus Station" take a bus to Ribeirão Preto. The bus service from São Paulo to Ribeirão Preto is provided by "Viação Cometa" (<http://www.viacaocometa.com.br>).

2) From Viracopos International Airport VCP (Campinas city): Take a bus, operated by "Lirabus" (<https://www.lirabus.com.br>), from the airport to Campinas Bus Station ("Rodoviária de Campinas"). At the bus station take a bus to Ribeirão Preto. The bus service from Campinas to Ribeirão Preto is provided by "Viação Cometa" (<http://www.viacaocometa.com.br>).

Additional support

The ISAAC Society reserved ten grants of R\$ 2000 reais (around 400 euros) each to support **young researchers** or **PhD students** without 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 organizer;
3. list of expected expenses;

to 14thisaac_congress@usp.br under the reference "ISAAC - request of support" until **March 31, 2023**. Notification of the support granted will be given by **April 15, 2023**.

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 organizers directly at the following e-mail address: 14thisaac_congress@usp.br. Letters of invitation will be sent upon request only.

Abstract submission

All Participants, who are interested in delivering a talk at the 14th 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 **May 31, 2023**.

Abstracts should be submitted via the online registration page.

5. The acceptance notifications for Contributed Lecture will be sent by **June 5, 2023**.

Proceedings

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