



ISAAC NEWS

Newsletter of the International Society of Analysis, Applications and Computations – January 2018

Dear ISAAC members,

This newsletter contains among others information about meetings supported by ISAAC during 2017. With the letter we also take the opportunity to wish you a very HAPPY NEW YEAR 2018.

Meetings since January 2017 supported by ISAAC: The following meetings were supported by ISAAC:

1. 3rd International Conference on Mathematical Computation (ICMC 2017), January 17-21, 2017, Haldia Institute of Technology, Haldia, India.
Webb: <http://hithaldia.co.in/icmc2017/>
2. Modern Methods, Problems and Applications of Operator Theory and Harmonic Analysis VII", April 23-28, 2017, Rostov-on-Don, Russia.
Webb: <http://otha.sfedu.ru/conf2017/>
3. Follow-up Approximation Theory and Function Spaces, June 26-30, 2017, Centre de Recerca Matemàtica (CRM), Barcelona, Spain.
Webb: http://www.crm.cat/en/Activities/Curs_2016-2017/Pages/Follow-up-Approximation-Theory-and-Function-Spaces.aspx

Some new life members since January:

Debasis Giri, India

Torsten Lindström, Sweden

You are very welcome to ISAAC.

Members passed away:

Professor **Mikhail Semenovich Agranovich** (1931–2017). It is with great sorrow that we report the sad news of Professor Mikhail Semenovich Agranovich passing away on 14 February 2017, aged 86. Mikhail Semenovich was an outstanding mathematician known for his numerous deep contributions to the areas of partial differential equations,

functional analysis, the theory of pseudo-differential operators. He was an author of around 90 scientific papers and 6 monographs. He was mathematically active until the end, also carrying out an important work as a co-editor of the journal "Functional Analysis and its Applications".

Mikhail Semenovich was an active participant of the ISAAC Congresses and related activities. He took part in almost all congresses starting from the 2nd ISAAC Congress in 1999 in Fukuoka. He also took part in the ISAAC meetings on pseudo-differential operators in Växjö (in 2004 and 2008), and in the ECM Satellite International Conference Fourier Analysis and Pseudo-Differential Operators in Helsinki in 2012.

I have been in continuous personal and email contact with him over the last 10 years, enjoying his wide mathematical erudition, and valuable comments on different research projects.

We will miss him as a very friendly and helpful person and as a remarkable mathematician.

By: Michael Ruzhansky

Professor Rudolf Gorenflo (1930-2017). *An honorary text is planned to be included in the next ISAAC news.*

The 11th ISAAC congress:

The congress was held at Linnæus University, Växjö, Sweden during August 14-18, 2017.

The congress webb site:

<https://lnu.se/en/research/conferences/isaac-2017/>

For the local organizers, the congress went well and well followed the plans. In total, almost 300 participants gathered from all parts of the world. The local organizers were pleased to be able to offer lectures and plenary talks at such high levels. The collaboration with supporting organizations also worked well. Two times per day, the participants were able to refresh themselves with hot drinks and snacks.

The conference trip including the banquet went to Kosta glass factory. Here the participants could try traditional Swedish food, and there were also possibilities to try glass blowing could.

In addition to the congressional activities themselves, the participants were also able to:

- Meet Swedish math. history through a presentation by Anders Tengstrand;
- Go with the steamer *Thor* on Helgasjön (largest lake around Växjö);
- Participate in 'Mattefredags' competition, through Maria Ulam and Miguel Perez.

Overall it seems that most of the participants were satisfied.

At the congress:

1. Plenary speakers: They were:

- Nils Dencker, Lund, Sweden
- Hans Feichtinger, Vienna, Austria
- Gerd Grubb, Copenhagen, Denmark
- Mats Gyllenberg, Helsinki, Finland
- Helge Holden, Trondheim, Norway
- Tuomas Hytönen, Helsinki, Finland
- Ari Laptev, Stockholm, Sweden and United Kingdom
- Abdelhamid Meziani, Florida, USA
- Alberto Parmeggiani, Bologna, Italy
- Yoshihiro Sawano, Tokyo, Japan
- Ragnar Sigurðsson, Reykjavik, Iceland
- Alexander Cardona, Bogota, Colombia

2. The meeting of the ISAAC board and the most important decisions: The meeting was held during Thursday August 17, 2017:

2.1 **The ISAAC president:** At the congress, the board expressed its gratitude to Prof. Luigi Rodino from Turin's university, Italy, who had already been the ISAAC president for two periods. Due to the ISAAC constitution it was necessary to choose a new president. The board chose with strong support **Prof. Michael Reissig** from Bergakademie, Freiberg, Germany, as the **new ISAAC president**.

2.2 **The ISAAC vice-president:** The board chose **Prof. Joachim Toft** from Linnæus University, Sweden, to remain as the vice-president of ISAAC.

2.3 **The secretary and treasurer of ISAAC:** The board chose with strong support **Prof. Irene Sabadini** from Politecnico di Milano, Italy, as the new secretary and treasurer of ISAAC. Thereby Prof. Sabadini replaced Prof. Heinrich Begehr from Berlin Free University, Germany at this position. At the same time, the board expressed its deepest gratitude to Prof. Begehr for his excellent job as secretary and treasurer, and for all his efforts and contributions to promote ISAAC.

2.4 **Registration of ISAAC:** When ISAAC was founded it was registered in USA. Since the registration fees in USA were/are rather high, it was decided to not keep the registration, and around 10 years ago, the registration in USA expired. Before the board meeting, some ISAAC board members made some investigations about convenient countries to reregister ISAAC. Based on these investigations, the board decided to try to reregister ISAAC in Sweden, since the process seemed to be rather uncomplicated and for free.

2.5 The next ISAAC congress: The board decided with strong support to let University of Aveiro, Aveiro, Portugal, to host the next ISAAC congress 2019. The main organizers for the congress are: Paula Cerejeiras and Uwe Kähler.

3. Some photos:



We all need generalized functions ... and the generalized functions need us.

Three board members, including a local organizer of the next ISAAC congress, and the new Secretary and Treasurer for ISAAC.





Math. words of wisdom from Bogota,
...

... from Reykjavik



... and from Tokyo.

The publisher Springer discuss with the new ISAAC president...



Some congress participants teach the glass blowers on how to make a Klein bottle ...

The first plenary talk.





Time-frequency analysis makes people happy.

Coffee – A kingdom for some Coffee ... for the proof of our next proposition (which is of course the Riemannian hypothesis).



Four persons with power during the congress. After the congress, only the rector of Linnæus university to the right-hand remained with power.

After the congress:

1. The registration of ISAAC has been performed. See the end of the letter concerning addresses etc.
2. The (official) deadline for submit papers to the proceedings is/was December 31, 2017. Informations including all needed style files etc. are available in the folder *Proceedings* at the congress home page:

<https://lnu.se/en/research/previous-conferences/isaac-2017/>

3. Preparations concerning votations for a new ISAAC board have been done. We would like to remind you that the deadline for performing the votation is January 29, 2018. If you are a member, then you should have received all necessary details and informations from Alfred Budziak, budziak@up.krakow.pl .

Home page ISAAC:

<http://www.isaacmath.org/home/>

and

<http://www.mathisaac.org>

The new postal address:

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