

Workshop on set theoretic methods in compact spaces and Banach spaces, Warsaw, April 17-21, 2013

Registration is open

Main speakers

T. Banach (Lviv, Kielce)
P. Borodulin-Nadzieja (Wrocław)
C. Brech (São Paulo)
J. Castillo (Badajoz)
K. P. Hart (Delft)
R. Haydon (Oxford)
O. Kalenda (Prague)
J. Lopez-Abad (ICMAT Madrid)
A. Plichko (Kraków)
R. Smith (Dublin)
A. Suárez-Granero (Madrid)
S. Todorčević (Paris, Toronto)

Sponsors



Warsaw Center
of Mathematics
and Computer Science



Uniwersytet
Wrocławski

This conference will focus on applying set-theoretic analysis in the interactions between Banach spaces and compact spaces. Every Banach space X induces the dual ball B_{X^*} , which is compact in the weak* topology and through which X can be successfully investigated. On the other hand every compact space K induces the Banach space $C(K)$ of continuous functions on K , the construction which has been used to produce numerous counterexamples in the general Banach space theory. Combinatorial analysis of the geometry of Banach spaces and set-theoretic topology in the context of weak* and weak topologies associated with Banach spaces are the methods which turned out to be particularly successful in investigating the above interactions.

Dates

We expect the participants to show up on Tuesday 16.04 afternoon. The talks will start on Wednesday 17.04 and will last until the lunchtime on Sunday 21.04.

Registration

Registration is now open until March 9, 2013. To register, please go directly to the [registration form](#). There is no registration fee. Due to limited space and funding we may not be able to accept all requests.

Talks

Besides the invited lectures we expect short contributed talks. Due to limited time and scope of the conference we may not be able to accept all requests. Please indicate if you want to give a contributed talk while filling the registration form.

Accommodation and meals

Most of the main speakers and some organizers will stay at the guest apartments of the Mathematical Institute of the Polish Academy of Sciences at the site of the conference. Remaining participants should make individual arrangements, you can have a look at our subpage concerning [accommodation](#). Write to the conference e-mail address if you need more hints. There are plenty of diverse restaurants around the conference venue. Extensive list will be provided on the conference webpage. Lunches will be provided at no cost. Dinners should be arranged on individual basis.

Main menu

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Organization and support

The conference is organized by:

- 1 [Antonio Avilés](#), Murcia.
- 1 [Piotr Koszmider](#), Impan;
- 1 [Grzegorz Plebanek](#), Wrocław;
- 1 [Witold Marciszewski](#), Warsaw;

It receives financial support from the [Banach Center](#) at the [Mathematical Institute of the Polish Academy of Sciences](#) (Impan); [Warsaw Center of Mathematics and Computer Science](#) and [the Institute of Mathematics of the University of Wrocław](#). A special rate at Sokrates hotel is courtesy of the [Institute of Mathematics, University of Warsaw](#).

Venue

The conference will take place in [Stefan Banach International Mathematical Center](#) which is a part of the Mathematical Institute of the Polish Academy of Sciences and is located at 8 Sniadeckich Street in the heart of Warsaw.

Contact

If you have any questions, please write to set.banach.compact.2013@gmail.com

Poster

Here is [this page](#) in the pdf format.