



DFG

8th International Conference on Function Spaces, Differential Operators, and Nonlinear Analysis

Tabarz/Thür. (Germany), September 18 - 24, 2011

First Announcement

Dear Colleague,

we are organising the

8th International Conference on "Function Spaces, Differential Operators, and Nonlinear Analysis",

(FSDONA-2011),

September 18-24, 2011.

<http://fsdona2011.uni-jena.de/>

This meeting will continue the series of previous successful FSDONA-conferences held in Finland, Czech Republic and Germany,

Sodankylä - 88,

Friedrichroda - 92,

Paseky - 95,

Syöte - 99,

Teistungen - 01,

Milovy - 04,

Helsinki - 08,

<http://www.emis.de/proceedings/Paseky95/index.html>

<http://www.minet.uni-jena.de/fakultaet/mana/fsdona/>

<http://math.cas.cz/fsdona2004/proceedings.html>

<http://www.helsinki.fi/~hasto/fsdona/>

It is our intention to stimulate international collaboration, and to promote the interaction of function spaces, PDE and computational mathematics in unifying efforts. This time the focus will lie on the theory of function spaces and its applications to various fields of mathematics like

- PDE's (existence of solutions and regularity theory),
- spectral theory of differential and integral operators,
- approximation and computational mathematics,
- nonlinear analysis,
- inverse problems.

We are glad that the following speakers already accepted our invitation to give plenary lectures:

Victor I. Burenkov	<i>Peoples Friendship University of Russia, Moscow / Russia</i>
Fernando Cobos	<i>Universidad Complutense de Madrid / Spain</i>
Stephan Dahlke	<i>Philipps-Universität Marburg / Germany</i>
Pavel Drábek	<i>University of West Bohemia in Pilsen / Czech Republic</i>
Peter A. Hästö	<i>University of Oulu / Finland</i>
Yavdat Ilyasov	<i>Russian Academy of Science, Ufa / Russia</i>
Miroslav Krbeč	<i>Academy of Sciences of the Czech Republic / Czech Republic</i>
Andrei K. Lerner	<i>Bar-Ilan University / Israel</i>
Lassi Päivärinta	<i>University of Helsinki / Finland</i>
Luboš Pick	<i>Charles University Prague / Czech Republic</i>
Mikko Salo	<i>University of Helsinki / Finland</i>

Stefan Samko *Universidade do Algarve / Portugal*
Hans Triebel *Friedrich-Schiller-University Jena / Germany*
Dachun Yang *Beijing Normal University / People's Republic of China*

The conference is mainly funded by the DFG (Ha 2794/6-1).

1. Lectures

The programme of the conference consists of invited main lectures (speakers as above) and a limited number of shorter communications given by the participants. Please indicate your intention to give a talk and do not forget to send us your abstract in the (preliminary) registration form! There will be an opportunity for ad hoc-seminars.

2. Venue

The Conference will take place in

Hotel "Am Burgholz", Tabarz / Thüringen
<http://www.hotel-am-burgholz.de/>

situated in a beautiful countryside about 100 km west of Jena.

The charming Kneipp health resort Tabarz (<http://www.tabarz.de>) is situated right in the middle of the biggest coherent forest area of Germany on the base of the 916,5 meter high mountain "Inselsberg" and quite near is Germany's most famous hiking trail, the "Rennsteig". One may enjoy the nice and well cared-for gardens of the two spa-parks or one can visit the fairy-tale meadow "Lauchagrund" which is also part of the "German road of toys" (<http://www.spielzeugstrasse.de>).

Since September 2001, Tabarz is a place of cure recognised officially by the State and carries the title "Kneippkurort". It is a method which implements the rules of the natural therapist and homoeopath Sebastian Kneipp (1821-1897). Visitors benefit from the adequate climate and the splendid landscape for long walks or excursions; also the large indoor swimming pool "TABBS" (<http://www.tabbs.de/>) is very popular and well-known. Close to Tabarz there are many interesting places which are worth the effort to be known and seen.

Gotha, only a few kilometres away from Tabarz, has direct fast train connections to Berlin and Frankfurt/Main.

3. Costs

The accommodation is arranged at the hotel in single and double rooms with full board (*buffet breakfast, lunch and dinner*). The price is **87 €** per night and person in a single room and **82 €** per night and person in a double room. The conference fee is **80 €**.

4. Registration

If you are interested please pre-register online **before February 28, 2011**, via

<http://fsdona2011.uni-jena.de/register.html>

Please note that the number of places is limited.

The second announcement with further details will be mailed until the end of April 2011.

We are looking forward to meeting you in Tabarz.

Dorothee D. Haroske, Hans-Gerd Leopold, Thomas Runst, Hans-Jürgen Schmeißer

For further information, please contact us via

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