



11th International Conference on
**Function Spaces, Differential Operators,
and Nonlinear Analysis**

Oberhof/Thür. (Germany), September 22 - 28, 2024

First Announcement

Dear Colleague,

we are organising the

**11th International Conference on
“Function Spaces, Differential Operators, and Nonlinear Analysis”**,
(FSDONA-2024),

September 22-28, 2024.

<https://fsdona2024.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, Tabarz - 11, Prague - 16, Turku - 19.

It is again our intention to stimulate international collaboration and to promote the interaction of the theory of function spaces with 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 people accepted our invitation to give plenary lectures:

- Andrea Cianchi (Firenze)
- Karoline Disser (Kassel)
- Óscar Domínguez (Madrid)
- Flavia Giannetti (Napoli)
- Stanislav Hencl (Prague)
- Mikyoung Lee (Pusan)
- Angkana Rüland (Heidelberg)
- Olli Saari (Barcelona)
- Yoshihiro Sawano (Tokyo)
- Senjo Shimizu (Kyoto)
- Olli Tapiola (Barcelona)
- Wen Yuan (Beijing)

The conference is mainly funded by the DFG (Ha 2794/9-1) and the Friedrich Schiller University.

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

“Wagners Sporthotel Oberhof”, Oberhof/Thüringen

<https://www.wagners-sporthotel-oberhof.de/>

situated in a beautiful forest landscape in the green heart of Germany.

Oberhof is a town in the Thuringian Forest – directly at the ridgeway Rennsteig, a small but very famous city for winter sports. In 2023 the double world championship in biathlon and luge took place there. Our hotel is located at a quiet place in the city of Oberhof, on the one hand close to the city center on the other hand close to nature. It is well-equipped and experienced to host conferences like ours. Oberhof has direct bus connections from Suhl/Zella-Mehlis and Gotha. Both cities can be reached within approximately 3 hours by train from the big airports in Berlin and Frankfurt am 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 **90 €** per night and person. The regular conference fee is **180 €**. There will be some opportunities for financial support or early bird reductions. Details will be given in the second announcement.

4. Registration

If you are interested please pre-register online **before February 29, 2024**, via our website.

The registration will start by the beginning of next year, we shall inform you again when the registration is open.

Please note that the number of places is limited.

The second announcement with further details will be mailed until the end of April 2024.

We are looking forward to meeting you in Oberhof.

Local Organisers

Glenn Byrenheid (Jena)
Dorothee D. Haroske (Jena)
Cornelia Schneider (Erlangen-Nürnberg)
Markus Weimar (Würzburg)

Scientific Committee

Peter Hästö (Turku)
Juha Kinnunen (Espoo)
Luboš Pick (Prague)
Jonas Sauer (Jena)
Hans-Jürgen Schmeißer (Jena)
Lenka Slavíková (Prague)

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