

# Siegmundsburg Seminar on Analysis & Theoretical Numerics

July 27-29, 2020, Siegmundsburg/Thuringia

## Monday, July 27, 2020

- individual travelling to Siegmundsburg*
- 13:00 – 14:00 *Lunch*
- 14:30 – 15:15 **Ian Zimmermann** (Jena)  
*"Spectral distances of graphs"*
- 15:15 – 16:00 **Ciqiang Zhuo** (Hunan/Jena)  
*"Variable weak Hardy spaces"*
- 16:00 – 16:30 *Coffee break / Poster session*
- 16:30 – 17:15 **Dalimil Peša** (Prague)  
*"Wiener-Luxemburg amalgam spaces"*
- 17:15 – 18:00 **Ondřej Bouchala** (Prague)  
*"Injectivity a.e. for weak limits of homeomorphisms"*
- 18:30 – 20:00 *Dinner*

## Tuesday, July 28, 2020

- 8:00 – 9:00 *Breakfast*
- 9:00 – 9:45 **Flora Szemenyei** (Erlangen-Nürnberg)  
*"Embeddings between weighted Sobolev spaces and Besov spaces"*
- 9:45 – 10:30 **Kristóf Szarvas** (Budapest/Jena)  
*"Growth Envelopes of spaces with variable and mixed norms"*
- 10:30 – 11:00 *Coffee break / Poster session*
- 11:00 – 11:45 **Jakub Takáč** (Prague)  
*"Optimality of function spaces for kernel integral operators"*
- 11:45 – 12:30 **Hana Turčinová** (Prague)  
*"New scale of rearrangement-invariant spaces and its relations to other spaces"*
- 12:30 – 13:30 *Lunch*
- 13:45 – 18:30 *Hiking tour*
- 19:00 – 20:00 *Dinner*

## Wednesday, July 29, 2020

- 8:00 – 9:00 *Breakfast*
- 9:00 – 9:45 **Zdeněk Mihula** (Prague)  
*"Poincaré-Sobolev inequalities on the entire space"*
- 9:45 – 10:30 **Thomas Jahn** (Chemnitz)  
*"On the optimal constants in the two-sided Stechkin inequalities"*
- 10:30 – 11:00 *Coffee break / Poster session*
- 11:00 – 11:45 **Vít Musil** (Florence)  
*"Sharp exponential inequalities for the Ornstein-Uhlenbeck operator"*
- 12:00 – 12:45 *Lunch*  
*departure from Siegmundsburg*