

Siegmundsburg Seminar on Analysis & Theoretical Numerics

August 31 - September 2, 2021, Siegmundsburg/Thuringia

Tuesday, August 31, 2021

- individual travelling to Siegmundsburg*
- 13:00 – 14:00 *Lunch*
- 14:30 – 15:15 **Marc Hovemann** (Marburg)
"Quarklet Characterizations for Triebel-Lizorkin Spaces"
- 15:15 – 16:00 **Thomas Jahn** (Chemnitz)
"Marcinkiewicz–Zygmund inequalities on the sphere"
- 16:00 – 16:30 *Coffee break*
- 16:30 – 17:15 **Janina Hübner** (Bochum)
"Tree approximation in Besov- and Triebel-Lizorkin-type spaces based on wavelet expansions"
- 17:15 – 18:00 **Zdeněk Mihula** (Prague)
"Strict s -numbers of certain Sobolev embeddings on a strip"
- 18:30 – 20:00 *Dinner*

Wednesday, September 1, 2021

- 8:00 – 9:00 *Breakfast*
- 9:00 – 9:45 **Manvi Grover** (Prague)
"Description of K -spaces using J -spaces and the reverse problem in limiting interpolation"
- 9:45 – 10:30 **Felix Bartel** (Chemnitz)
"Sampling recovery from random partial quadrature nodes"
- 10:30 – 11:00 *Coffee break / Poster session*
- 11:00 – 11:45 **Georgios Dosidis** (Prague)
"The uncentered spherical maximal function and Nikodym sets"
- 11:45 – 12:30 **David Krieg** (Linz)
"Sampling Recovery in L_2 "
- 12:30 – 13:30 *Lunch*
- 13:45 – 18:30 *Hiking tour*
- 19:00 – 20:00 *Dinner*

Thursday, September 2, 2021

- 8:00 – 9:00 *Breakfast*
- 9:00 – 9:45 **Laura Lippert** (Chemnitz)
"Merging Hyperbolic Wavelet Regression and ANOVA"
- 9:45 – 10:30 **Tuğçe Ünver Yıldız** (Prague)
"Weighted norm inequalities for positive operators: Discretization"
- 10:30 – 11:00 *Coffee break / Poster session*
- 11:00 – 11:45 **Ondřej Bouchala** (Prague)
"Improvement of Hardyness"
- 12:00 – 12:45 *Lunch*
departure from Siegmundsburg