

Program

The plenary talks are in room **A1** and the parallel talks in **A36–A38**.

Sunday 14 June

- 9.00** Registration
9.45 Opening
10.00–10.45 **Olli Martio**, *BV functions on curves in metric measure spaces*
coffee
11.15–12.00 **Ari Laptev**, *One-dimensional interpolation inequalities, Carlson–Landau inequalities and magnetic Schrödinger operators*
lunch
13.30–14.15 **John Lewis**, *Quasi-linear PDEs and low-dimensional sets*
14.30–15.15 **Yuri Brudnyi**, *N-term approximation of $BV_p^k([0, 1]^d)$ functions by splines*
coffee
- | | A36 | A37 | A38 |
|--------------------|--------------|--------------|----------------|
| 15.45–16.10 | N. Kuznetsov | K. Nyström | A. Segurado |
| 16.20–16.45 | E. Lokharu | V. Tkachev | O. Domínguez |
| 16.55–17.20 | A. Ghosh | N. Lundström | E. Setterqvist |

Monday 15 June

- 9.00–9.45** **Pekka Koskela**, *Planar Sobolev approximation and extension*
coffee
10.15–11.00 **María J. Carro**, *Weighted estimates at the end-point*
11.15–12.00 **Grigori Rozenblioum**, *Finite rank operators in the Fock space and the $\bar{\partial}$ equation in certain spaces of distributions*
lunch
- | | A36 | A37 | A38 |
|--------------------|------------------|----------------|---------------------------------|
| 13.30–13.55 | P. Sjögren | J. G. Llorente | D. Israfilov |
| 14.05–14.30 | S. Radosavljevic | T. Adamowicz | A. Danielyan |
| 14.40–15.05 | A. Ukhlov | D. Estep | S. Kalmykov |
| 15.35–16.00 | M.-E. Poulou | T. Lukkari | E. Lifyand |
| 16.10–16.35 | F. Bakharev | B. Avelin | 16.10–16.55 Y. Karlovich |
| 16.45–17.10 | D. Seco | O. Toivanen | |
| 17.20–17.45 | | T. Neelon | |

Tuesday 16 June

- 9.00–9.45** **Fernando Cobos**, *Logarithmic interpolation methods and Besov spaces*
coffee
10.15–11.00 **Dimitri Yafaev**, *Quasi-diagonalization of Hankel operators*
11.15–12.00 **Jan Malý**, *Functions with low rank Hessians*
lunch
13.00 Excursion

Wednesday 17 June

- 9.00–9.45 **François Murat**, *A semilinear elliptic problem with a singularity at $u = 0$*
coffee
- 10.15–11.00 **Nageswari Shanmugalingam**, *Sphericalization and flattening transformations of metric measure spaces*
- 11.15–12.00 **Marius Mitrea**, *Calderón–Zygmund theory on a class of uniformly rectifiable subdomains of Riemannian manifolds*
lunch
- 13.30–14.15 **Mieczysław Mastyo**, *Interpolation formulas for the Fremlin tensor product*
- | | A36 | A37 | A38 |
|-------------|---------------|---------------|---------------------|
| 14.30–14.55 | Y. Cho | P. Goldstein | R. del Campo Acosta |
| 15.05–15.30 | M. Filippakis | J. Lehrbäck | A. Kamal |
| 16.00–16.25 | M. Hansen | A. Kałamajska | N. Antonić |
| 16.35–17.00 | T. Hara | L. Malý | M. Erceg |
| 17.10–17.35 | S.-S. Byun | L. Ihnatsyeva | A. Amenta |
- 18.00 *Conference dinner at Vallfarten*

Thursday 18 June

- 9.00–9.45 **Evgeniy Semenov**, *Haar series and Paley spaces*
coffee
- 10.15–11.00 **Alexander I. Nazarov**, *Comparison of Navier and Dirichlet fractional Laplacians*
- 11.15–12.00 **Ugo Gianazza**, *A necessary and sufficient condition for the continuity of local minima of parabolic variational integrals with linear growth*
- 12.30 lunch at Mjellerumsgården
- 14.00–14.45 **Michael Cwikel**, *A few more partial answers to a 51 year old interpolation question*
coffee
- 15.15–16.00 **Hiroaki Aikawa**, *Elliptic and parabolic boundary Harnack principles for nonsmooth domains*
Closing