Spaces of analytic and smooth functions III

Monday, Sep 14

9.00–9.15 Opening announcements

9.15–10.00 Leonard Frerick The Bohnenblust-Hille inequality for polynomials and Bohr radii

10.15–11.00 Andreas Defant Bohr’s strip for vector valued Dirichlet series

11.00–11.30 Coffee break

11.30–12.15 Jose Bonet Power bounded composition operators on spaces of real analytic functions

12.30–12.50 Sergey Kislyakov Weak type-(1,1) in a refinement of the Marcinkiewicz theorem

13.00 Lunch

15.30 Coffee

16.00–16.45 Yurii Lyubarskii Boundary behaviour of functions from the Korenblum class

17.00–17.45 Michał Wojciechowski Bounded approximation property of Sobolev spaces of functions on simply connected planar domains

18.00–18.20 Mikael Lindström Integral and Volterra operators on a large family of analytic function spaces

18.30–18.50 Enrique Jordá Topologies in spaces of vector-valued meromorphic functions

19.00 Supper

Tuesday, Sep 15

9.00–9.45 Peter W. Michor Convenient setting for some quasianalytic Denjoy-Carleman classes: setup and applications

10.00–10.45 Andreas Kriegl Convenient setting for some quasianalytic Denjoy-Carleman classes: background and central ideas

10.45–11.15 Coffee break

11.15–12.00 Alexander Olevskii Wiener’s “closures of translates ”problem and Piatetski’s uniqueness phenomenon
12.10–12.30 Paweł Mleczko *Multipliers on abstract Hardy spaces of analytic functions*

12.35–12.55 Krzysztof Piszczek *Reflexivity versus mean ergodicity in barrelled spaces*

13.00 Lunch

15.30 Coffee

16.00–16.45 Guillermo P. Curbera *Function spaces for refined Sobolev inequalities*

17.00–17.45 Jochen Wengenroth *Tame linear extension operators for smooth Whitney functions*

18.00–18.20 Thomas Kalmes *Some results on surjectivity of augmented differential operators and on a conjecture by Trèves*

19.00 Supper

**Wednesday, Sep 16**

9.00–9.45 Alexander Borichev *Weighted completeness of exponents: weight’s perturbations*

10.00–10.45 Manuel Maestre *Envelopes and analytic structure of spectra of algebras of holomorphic functions*

10.45–11.15 Coffee break

11.15–12.00 Helge Glöckner *Ascending unions of Lie groups*

12.10–12.30 David Jornet *Interior regularity for certain differential equations on the torus*

12.35–12.55 Elke Wolf *Weighted composition operators between weighted Banach spaces of holomorphic functions and weighted Bloch type spaces*

13.00 Lunch

14.00 Excursion

19.30 Supper

**Thursday, Sep 17**

9.00–9.45 Joaquim Ortega-Cerdá *Equidistribution of the Fekete points on the sphere*

10.00–10.45 Reinhold Meise *Characterizing the local Phragmen-Lindelöf condition for analytic surfaces*

10.45–11.15 Coffee break
11.15–12.00 Jean Schmets *On the structure of some ultradistributions*

12.10–12.30 Carmina Fernandez *Restriction for support of time frequency distributions*

13.00 Lunch

15.30 Coffee

16.00–16.45 Vyacheslav Zakharyuta *On entropy asymptotics for some class of analytic functions*

17.00–17.45 Leszek Skrzypczak *Interplay of regularity and decay in case of radial function*

18.00–18.20 Urszula Ostaszewska *Legendre-Fenchel transform for the spectral exponent of analytic functions of weighted composition operators*

18.30–18.50 Sergii Sharyn *Laplace transformation for polynomial ultradistributions on cone $\mathbb{R}_+^n$*

19.00 Reception

**Friday, Sep 18**

9.00–9.45 Pavel Shvartsman *Sobolev $W^1_p$-spaces on closed subsets of $\mathbb{R}^n$*

10.00–10.45 Michael Langenbruch *On the abstract Cauchy problem for operators on locally convex spaces*

10.45–11.15 Coffee break

11.15–12.00 Michał Jasiczak *Interpolation on finite type domains*

12.10–12.30 Jordi Juan *Iterates of partial differential operators on non-quasianalytic classes*

13.00 Lunch

15.30 Coffee

16.00–16.45 Lev Aizenberg *Hardy spaces in Reinhardt domains and Hausdorff operators*

17.00–17.45 Paul Müller *Conditioned brownian motion in simply connected domains*

19.00 Supper