

Aveiro ISAAC Congress (July 29 – August 2, 2019)

Session: Pseudo-Differential Operators

Organizers:

Shahla Molahajloo (York University, Canada)

M. W. Wong (York University, Canada)

Monday, July 29, 2019 (Session on Pseudo-Differential Operators)

Time	Speaker
14:00-14:25	Gianluca Garello
14:30-14:55	Christine Pfeuffer
15:00-15:25	Alessandro Oliaro
15:30-15:55	Ivan Ivec
16:00-16:30	Coffee
16:30-16:55	Joachim Toft
17:00-17:25	Sandro Coriasco
17:30-17:55	Fernando de Ávila Silva
18:00-18:25	Daniel Lorenz

Tuesday, July 30, 2019 (Please note that the Program consists of Parts I and II.)

(I) Joint Day on three sessions: Generalized Functions, Harmonic Analysis and PDE, and Pseudo-Differential Operators

Time	Speaker
11:30-11:55	Other Session(s)
12:00-12:25	Other Session(s)
12:30-14:00	Lunch
14:00-14:25	Other Session(s)
14:30-14:55	Other Session(s)
15:00-15:25	Patrik Wahlberg
15:30-15:55	Ivana Vojnović

(II) Session on Pseudo-Differential Operators

Time	Speaker
16:30-16:55	Viorel Catană
17:00-17:25	K. L. Wong
17:30-17:55	Vishvesh Kumar
18:00-18:25	Ville Turunen

What follows is the list of speakers with affiliations and titles of talks.

1. Fernando de Ávila Silva (Universidade Federal do Paraná, Brazil) Globally Hypoelliptic Operators on Manifolds and Fourier Expansion of Elliptic Operators
2. Viorel Catană (University Politehnica of Bucharest, Romania) Two-Wavelet Curvelet Localization Operators and Two-Wavelet Curvelet Multipliers
3. Sandro Coriasco (Università di Torino, Italy) Pseudo-Differential Operators of Gevrey Type and Their Action on Classes of Modulation Spaces
4. Gianluca Garello (Università di Torino, Italy) Pseudo-Differential Operators and Existence of Gabor Frames
5. Ivan Ivec (University of Zagreb, Croatia) Continuity of Linear Operators on Mixed-Norm Lebesgue and Sobolev Spaces
6. Vishvesh Kumar (Ghent University, Belgium) C^* -Algebras, H^* -Algebras and Trace Ideals of Pseudo-Differential Operators on Locally Compact, Hausdorff and Abelian Groups
7. Daniel Lorenz (TU Bergakademie Freiberg, Germany) Pseudos with Limited Smoothness Applied to Strictly Hyperbolic Cauchy Problems with Coefficients Low-Regular in Time and Space
8. Alessandro Oliaro (Università di Torino, Italy) Paley-Wiener Theorems of Real Type in Ultradifferentiable Spaces
9. Christine Pfeuffer (Universität Halle, Germany) Fredholm Property of Non-Smooth Pseudodifferential Operators
10. Joachim Toft (Linnæus University, Sweden) Analytic Pseudo-Differential Calculus Via the Bargmann Transform
11. Ville Turunen (Aalto University, Finland) Time-Frequency Analysis and Pseudo-Differential Operators on Locally Compact Groups
12. Ivana Vojnović (University of Novi Sad, Serbia) Defect Distributions Applied to Differential Equations with Polynomial Coefficients
13. Patrik Wahlberg (Linnæus University, Sweden) Strong Continuity on Shubin-Sobolev Spaces of Semigroups for Evolution Equations of Quadratic Operators
14. K. L. Wong (Carleton University, Canada) Normality, Self-Adjointness, Spectral Invariance, Groups and Determinants of Pseudo-Differential Operators on Finite Abelian Groups