
PDEMTA schedule: Monday, September 3

chairman: Stevan Pilipović

9.30-10.10 Opening + Stevan Pilipović *Classes of generalized functions with finite type regularities*

10.15-10.55 Michael Oberguggenberger *Detection of singularities in hyperbolic PDEs via asymptotic properties of generalized solutions*

11.00-11.25 coffee break

chairman: Teodor Atanacković

11.25-12.05 Rudolf Gorenflo *On subordination in time-fractional stochastic processes*

12.10-12.50 Alexander Seyranian *Paradox of Nicolai and similar effects in non-conservative stability problems*

13.00-15.00 lunch break

chairman: Hans Vernaev

15.00-15.40 Irina Melnikova *Generalized solutions to differential-operator equations with white noise in spaces of distributions*

15.45-16.05 Dora Seleši *Applications of chaos expansions to solving SPDEs*

16.10-16.30 Tijana Levajković *Stochastic differential equations involving the Malliavin derivative operator*

16.35-17.00 coffee break

chairman: Irina Melnikova

17.00-17.20 Andrzej Kaminski *On ultradistributions and their convolution*

17.25-17.45 Paolo Giordano *Generalized functions as a category of smooth set-theoretical maps*

17.50-18.10 Lukas Wurzer *Stochastic partial differential equations with random set coefficients*

18.15-18.35 Georgi Boyadzhiev *Comparison principle for non-cooperative elliptic systems and applications*

PDEMTA schedule: Tuesday, September 4

chairman: Michael Ruzhansky

9.30-10.10 Man Wah Wong *The heat kernel and Green function of the twisted bi-Laplacian*

10.15-10.55 Joachim Toft *Multiplication properties in pseudo-differential calculus with small regularity assumptions on the symbols*

11.00-11.25 coffee break

chairman: Joachim Toft

11.25-12.05 Sandro Coriasco *$L^p(\mathbb{R}^n)$ -boundedness of anisotropic multipliers and of SG Fourier integral operators*

12.10-12.30 Patrik Wahlberg *Schrödinger type propagators, pseudodifferential operators and modulation spaces*

12.35-11.55 Julio Delgado *On the traceability and the asymptotic behavior of the eigenvalues of a class of integral operators*

13.00-15.00 lunch break

chairman: Sandro Coriasco

15.00-15.40 Ville Turunen *Pseudo-differential operators and symmetries: old and new*

15.45-16.25 Diana T. Stoeva *Invertible multipliers whose inverses can be written as multipliers*

16.35-17.00 coffee break

chairman: Diana Stoeva

17.00-17.20 Krešimir Burazin *Heat equation as a Friedrichs system*

17.25-17.45 Marko Vrdoljak *Homogenisation theory for Friedrichs systems*

17.50-18.10 Luigi Riba *Continuous inversion formulas for multi-dimensional Stockwell transforms*

18.15-18.35 Sanja Kostadinova *The ridgelet transform of distributions*

PDEMTA schedule: Wednesday, September 5

chairman: Michael Oberguggenberger

9.30-10.10 Luigi Rodino *Weyl asymptotics and Dirichlet divisors*
10.15-10.55 Tommaso Ruggeri *Extended Thermodynamics of Real Gases*

11.00-11.25 coffee break

chairman: Luigi Rodino

11.25-12.05 Michael Ruzhansky *Gevrey functions and ultradistributions on compact Lie groups and homogeneous spaces*
12.10-12.30 David Rottensteiner *The Heisenberg group of the Heisenberg group: Its representation theory and applications to Ψ DO's and coorbit space theory*
12.35-11.55 Donal Connolly *Pseudo-differential operators on homogeneous spaces*

13.00-15.00 lunch break

chairman: Vojislav Marić

15.00-15.40 Pavel Řehák *Asymptotics of nonlinear differential systems*
15.45-16.05 Žarko Mijajlović *Regularly varying solutions of Friedmann equations*
16.10-16.30 Jelena Manojlović *Asymptotic analysis of positive solutions of fourth order nonlinear differential equations in the framework of regular variation*

16.35-17.00 coffee break

chairman: Pavel Řehák

17.00-17.20 Vojislav Marić *An asymptotic analysis of solutions to equations of Thomas-Fermi type*

17.25-17.45 coffee break

chairman: Stevan Pilipović

17.50-18.30 Olga Hadžić *50 years of Seminar for analysis and foundations of mathematics*

PDEMTA schedule: Thursday, September 6

chairman: Man Wah Wong

9.30-10.10	Jean-André Marti	<i>Generalized functions on the closure of an open set</i>
10.15-10.55	Michael Kunzinger	<i>Abstract regularity theory</i>

11.00-11.25	coffee break	
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chairman: Todor Gramchev

11.25-12.05	Günther Hörmann	<i>A regularization approach to non-smooth symplectic structures</i>
12.10-12.30	Evelina Erlacher	<i>An implicit function theorem for generalized functions</i>
12.35-11.55	Clemens Sömann	<i>On the completeness of impulsive gravitational waves</i>

13.00-15.00	lunch break	
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chairman: Jean-André Marti

15.00-15.40	Nenad Antonić	<i>Parabolic H-measures</i>
15.45-16.05	Irina Kmit	<i>Smoothing property for mixed and periodic first-order hyperbolic problems</i>
16.10-16.30	Marko Nedeljkov	<i>Singularities in (generalized) Chaplygin gas</i>

16.35-17.00	coffee break	
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chairman: Nenad Antonić

17.00-17.20	Ivan Ivec	<i>Some generalisations of H-measures</i>
17.25-17.45	Marko Erceg	<i>Semiclassical distributions - an extension of semiclassical measures</i>
17.50-18.10	Darko Mitrović	<i>δ-type solution concept for systems of conservation laws</i>
18.15-18.35	Martin Lazar	<i>Velocity averaging — a general framework</i>

20.00	Conference dinner	
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PDEMTA schedule: Friday, September 7

chairman: Dimitris Scarpalezos

9.30-10.10 Jasson Vindas *Asymptotic distribution of Beurling's generalized prime numbers*

10.15-10.55 Hans Vernaeve *Distributions having a value at a point in the sense of Robinson*

11.00-11.25 coffee break

chairman: Günther Hörmann

11.25-12.05 Dimitris Scarpalezos *Ideals of the ring of generalized constants with continuous parametrisation*

12.10-12.30 Hideo Deguchi *The wave equation with a discontinuous coefficient depending on time only: generalized solutions and propagation of singularities*

12.35-11.55 Eduard Nigsch *Towards a functional analytic foundation of Colombeau theory*

13.00-15.00 lunch break

chairman: Michael Kunzinger

15.00-15.40 Todor Gramchev *Global normal forms and solvability in \mathbb{R}^n for second order Shubin type operators*

15.45-16.05 Mohamed Taha Khalladi *Differential properties of asymptotically almost periodic generalized functions*

16.10-16.30 Giorgia Tranquilli *Global properties and normal forms of second order Shubin type operators*

16.35-17.00 coffee break

chairman: Ville Turunen

17.00-17.20 Nenad Teofanov *Spectral asymptotic of a class of SG-type operators*

17.25-17.45 Bojan Prangoski *Anti-Wick and Weyl quantization on ultradistribution spaces*

PDEMTA schedule: Saturday, September 8

10.00-18.00 Excursion