

WEDNESDAY, SEPTEMBER 5, 2007

PLENARY SESSIONS

Hall A

SESSION 1

Chairman: Jean-François Colombeau

9:00-9:40 **Michael Oberguggenberger**, University of Innsbruck

Solutions to hyperbolic systems in the dual of the Colombeau algebra

9:50-10:30 **Paweł Domański**, Adam Mickiewicz University, Poznań

Analytic dependence on parameters of solutions of linear partial differential equations on spaces of distributions

10:30-11:00 **Coffee break**

SESSION 2

Chairman: Dietmar Vogt

11:00-11:40 **Michael Langenbruch**, University of Oldenburg

Vectorvalued hyperfunctions

11:50-12:30 **Soon-Yeong Chung**, Sogang University, Seoul

Laplace equations on nonlinear networks and their inverse problems

13:00-14:00 **Lunch**

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SECTION SESSIONS

SECTION A

Hall A

SESSION 1

Chairman: Arpad Takači

15:00-15:30 **Piotr Mikusiński**, University of Central Florida, Orlando

From Boehmians to pseudoquotients

15:35-16:05 **Swietłana Mincheva-Kamińska**, University of Rzeszów

*On a generalization of the diagonal theorem and its applications
in generalized functions*

16:10-16:40 **Andrzej Kamiński**, University of Rzeszów

*On the convolution, compatibility of supports and convolution
algebras of generalized functions*

16:45-17:00 **Coffee break**

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SECTION A

Hall A

SESSION 2

Chairman: Andrzej Kamiński

17:00-18:30 Jan Mikusiński Commemoration Session

19:00 **Dinner**

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SECTION B

Hall B

SESSION 1

Chairman: Joachim Toft

15:00-15:30 **Chikh Bouzar**, Oran-Essenia University

Ultra-regular generalized functions

15:35-16:05 **Burak Polat**, Uludag University, Bursa

Classical electrodynamics in the sense of distributions

16:10-16:25 **Vladimir Grushevsky**, Belarusian State University, Minsk

On non-autonomous differential equations containing the product of generalized functions in the algebra of mnemofunctions

16:30-16:45 **Aleh Yablonski**, Belarusian State University, Minsk

The equations in differentials in algebra of generalized functions

16:45-17:00 **Coffee break**

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SECTION B

Hall B

SESSION 2

Chairman: Anna Karczewska

17:00-17:15 **Yun-Sung Chung**, Sungkyunkwan University, Suwon

An inverse conductivity problem for evolution equations on networks

17:20-17:35 **Jong-Ho Kim**, National Institute for Mathematical Sciences, Daejeon

Eigenvalue problems for the p -Laplacian operator and the largest eigenvalue on nonlinear networks

17:40-17:55 **Jaewoong Kim**, Seoul National University

The invariant subspace problem

18:00-18:15 **Young-Su Lee**, Sogang University, Seoul

Stability of an n -dimensional quadratic functional equations in the spaces of generalized functions

18:20-18:35 **Jea-Hyun Park**, Sogang University, Seoul

Eigenvalue problems for (p, w) -Schrödinger operators on networks

19:00 **Dinner**