December 5 – 9, 2011, Brno, Czech Republic

Program

Monday, December 5

13:00-13:45 **Lomtatidze Alexander** (Brno)

On differential inequalities and periodic problem for second-order ordinary differential equations

13:45-14:15 *Coffee Break*

14:15-15:00 **Astashova Irina** (Moscow)

On Izobov's problem for a nonlinear third-order differential equation

19:30 *Dinner*

Tuesday, December 6

Wednesday, December 7

10:30-11:15 **Rontó András** (Brno)

On finding solutions of two-point boundary value problems for a class of non-linear functional differential systems

11:15-11:45 *Coffee Break*

11:45-12:30 **Partsvania Nino** (Tbilisi)

On the well-posedness of two-point weighted boundary value problems for second order nonlinear differential equations with strong singularities

12:30-14:00 *Lunch*

14:00-14:45 **Mukhigulashvili Sulkhan** (Brno)

Two-point boundary value problems for strongly singular higher-order linear differential equations with deviating arguments

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Wednesday, December 7

9:30-10:15 **Kiguradze Tariel** (Melbourne)

Periodic solutions of linear partial differential equations

10:15-10:45 *Coffee Break*

10:45-11:30 **Tvrdý Milan** (Praha)

Generalized linear differential equations in a Banach space: Continuous dependence on a parameter

11:30-13:00 *Lunch*

13:00-13:45 **Hakl Robert** (Brno)

Fredholm type theorem and its application to periodic problems for two-dimensional half-linear differential systems

Thursday, December 8

9:30-10:15 **Perestyuk Mykola** (Kiev)

Impulsive differential equations

10:15-10:45 *Coffee Break*

10:45-11:30 **Rachůnková Irena** (Olomouc)

On zeros of solutions of the second order singular nonlinear differential equation

11:30-13:00 *Lunch*

13:00-13:45 **Korol Ihor** (Uzhgorod)

Investigation of the existence and approximate construction of solutions of differential-algebraic systems

13:45-14:15 *Coffee Break*

Czech-Georgian Workshop on Boundary Value Problems

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14:15-15:00 **Šremr Jiří** (Brno)

On the initial value problems for hyperbolic functional-differential equations with discontinuous right-hand sides

Friday, December 9

14:30-15:15 **Kiguradze Ivan** (Tbilisi)

Positive solutions of two-point boundary value problems for nonlinear differential equations with strong singularities

15:15-15:45 *Coffee Break*

15:45-16:30 **Staněk Svatoslav** (Olomouc)

Limit properties of positive solutions of fractional boundary value problems