21 – 24 January, 2014, Brno, Czech Republic

Program

Tuesday, January 21

12:00-13:00 **Kiguradze Ivan** (Tbilisi)

Nonlinear nonlocal boundary value problems for singular in a phase variable second order differential equations

13:00-13:30 *Coffee Break*

13:30-14:30 **Lomtatidze Alexander** (Brno)

Positive periodic solutions of second-order linear differential equations

Wednesday, January 22

9:30-10:30 **Opluštil Zdeněk** (Brno)

Some oscillation criteria for second-order linear delay differential equations

10:30-11:00 *Coffee Break*

11:00-12:00 **Hakl Robert** (Brno)

Dimension of the solution set of the homogeneous first-order linear functional differential equation

12:00-12:15 *Coffee Break*

12:15-13:15 **Partsvania Nino** (Tbilisi)
The nonlinear Kneser problem for singular in phase variables second order nonlinear differential equations

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13:15-14:30 *Lunch*

14:30-15:30 **Ashordia Malkhaz** (Brno)

On a two-point boundary value problem for systems of linear generalized ordinary differential equations with singularities

15:30-16:00 *Coffee Break*

16:00-17:00 **Tvrdý Milan** (Praha)

Generalized linear differential equations in a Banach space (Kurzweil-Stieltjes integral and its applications)

Thursday, January 23

10:00-11:00 **Zamora Manuel** (Brno)

Periodic and quasi-periodic motions of a relativistic particle under a central force field with applications to scalar boundary periodic problems

11:00-11:30 *Coffee Break*

11:30-12:30 **Řehák Pavel** (Brno)

Nonlinear differential systems and regularly varying functions

12:30-12:45 *Coffee Break*

12:45-13:45 **Aguerrea Maitere** (Talca)

Existence and uniqueness of positive traveling fronts in reaction-diffusion equations with spatio-temporal delays

13:45-15:00 *Lunch*

15:00-16:00 **Evtukhov Vjacheslav** (Odessa)

Asymptotic representations of solutions of differential equations with regularly varying nonlinearities

16:00-16:30 *Coffee Break*

Czech-Georgian Workshop on Boundary Value Problems

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16:30-17:30 **Evtukhov Vjacheslav** (Odessa)

Asymptotic representations of solutions of essentially nonlinear cyclic systems of ordinary differential equations
(presentation of results of **Elena Vladova** and **Oleg Shlyepakov**)

Friday, January 24

12:30-13:30 **Kiguradze Ivan** (Tbilisi)

Monotone solutions of the Cauchy problem for singular in phase variables nonlinear ordinary differential equations

13:30-14:00 *Coffee Break*

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

On special solutions to Emden-Fowler type differential equations