Nonlinear Difference and Differential Equations and their Applications
NODDEA’2017
in the frame of the 56-th University conference

PROGRAME of
International mathematical workshop NODDEA’2017

26.10.2017
From 14:00 to 17:00, room 1.311 of University of Ruse, Registration

27.10.2017
Room 1.405.2 ( on third floor of Central building ).
Chairwoman: Assoc.prof. Miglena Koleva

09:00-09:15, Opening

09:15-09:45, Alberto Cabada, Reflection and phi-Laplacian Equations

09:45-10:15, Rosana Rodriguez Lopez, Fixed points in non-vectorial spaces and mathematical models of uncertainty

10:15-10:45, Mihai Mihaişloescu, Minimization Problems for Inhomogeneous Rayleigh Quotients

10:45-11:00, Discussion and announcements

11:00 - 12:00, Kanef Centre – Plenary session

12:00-13:30, Lunch

13:30-14:00 Coffee break – Kanef Centre
Chairman: Assoc. prof. Yurij Kandilarov

14:00-14:30, Virginia Kiryakova, Generalized fractional derivatives of Riemann-Liouville and Caputo type and Cauchy problems

14:30-15:00, Radu Prekup, Critical point theorems in convex sets and localization of Nash-type equilibria

15:00-15:15, Lorena Saavedra, Existence of solutions for a nonlinear periodic boundary value problem involving p-Laplacian

15:15-15:30, Denisa Stancu, The convergence of nonnegative solutions for the family of problems \( \Delta_p u = \lambda e^u \) as \( p \to \infty \).

15:30-15:45, Maria Farcasceanu, On a family of torsional creep problems involving rapidly growing operators in divergence form

15:45-16:00, Teodora Zaprjanova, Diko Souroujon, One new solution of a problem from IMC

16:00-16:30 Coffee break – Kaneff Centre

16:30-16:45, Yulia Chaparova, Mathematical Modelling of Nerve Signal Propagation

16:45-17:00, Tihomir Gulov, Existence of solutions to a model for option valuation in a market with switching liquidity

17:00-17:15, Nikolaj Dimitrov, Existence of solutions of n-th order homoclinic difference equations with sign-changing green's function

17:15-17:30, Discussion and announcements

19:30, Hotel "Riga" - Scientists Gala

28.10.2017

09:00-14:00, Excursion for the international participants to

Basarbovo Monastery “St. Dimitrii of Basarbovo”
http://www.bulgariamonasteries.com/en/basarbovo_monastery.html and

Ivanovo Monastery “St. Michael the Archangel”

Starting point at hotel Splendid at 9:00, Free time