



**ОТЧЕТНА СЕСИЯ**  
**на секция Диференциални Уравнения и Математическа**  
**Физика**  
**19.12.2013, зала 055**

Отчетната сесия се провежда в рамките на BGSIAM 2013

- |               |                                                                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16:20 – 16:35 | Valerij Dzhurov, <u>Milena Kostova</u> , <i>Application of Neural Networks for Exploding Materials Classification with Blasting Action in Coherent Signals Exposure</i> |
| 16:35 – 16:50 | Gregory Agranovich, Elena Litsyn, <u>Angela Slavova</u> , <i>Control Techniques for Complex Chaotic Systems</i>                                                         |
| 16:50 – 17:05 | Alexander Fabricant, Nikolai Kutev, <u>Tsviatko Rangelov</u> , <i>An estimate from below for the first eigenvalue of p--Laplacian via the Hardy inequality</i>          |
| 17:05 – 17:20 | Borislav Yordanov, <i>On the Asymptotic Behavior of Dissipative Wave Equation</i>                                                                                       |
| 17:20 – 17:35 | <u>N. Kutev</u> , N. Kolkovska, M. Dimova, <i>Theoretical and numerical aspects to the generalized sixth order Boussinesq equation</i>                                  |
| 17:35 – 17:50 | Isaac Neuhaus, <u>Roumyana Yordanova</u> , <i>Bingo-Biological Networks of Gene Objects Web Tool</i>                                                                    |
| 17:50 – 18:05 | Georgi Boyadzhiev, <i>Bicharacteristic curves in 3D modelling of the Lithosphere</i>                                                                                    |
| 18:05 – 18:20 | <u>G.Chobanov</u> , N.Kutev, <i>Jump discontinuous viscosity solutions to degenerate elliptic equations</i>                                                             |