

# UNIVERSITY OF CYPRUS



## DEPARTMENT OF MATHEMATICS AND STATISTICS

Second Workshop in  
Group Analysis of Differential Equations — Integrable Systems  
Monday, 25th & Thursday, 28th of September, 2006

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### Programme

#### Monday, 25th of September, 2006

Chairperson: **P.A. Damianou**

- 11.00–11.30: **R. Popovych**, Universität Wien, Austria  
*Normalized classes of nonlinear Schrödinger equations*
- 11.30–12.00: **M. Agrotis**, University of Cyprus  
*On the super-integrability of the Toda lattice*
- 12.00–12.30: **N. Ivanova**, Institute of Mathematics of NAS of Ukraine  
*Conservation laws of multidimensional diffusion equations*
- 12.30–13.00: **K. Konstandinides**, University of Cyprus  
*Integrability of Lotka–Volterra systems in three dimensions*

#### Thursday, 28th of September, 2006

Chairperson: **N. Ivanova**

- 11.00–11.30: **O. Vaneeva**, Institute of Mathematics of NAS of Ukraine  
*Group classification of a class of variable coefficient reaction–diffusion equations*
- 11.30–12.00: **H. Popovych**, Universität Wien, Austria  
*Symmetry reductions of Euler equations*
- 12.00–12.30: **C. Tsaousi**, University of Cyprus  
*Differential invariants for hyperbolic equations*
- 12.30–13.00: Discussion
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Lectures will take place in the seminar room **037** in the department of Mathematics and Statistics.