

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

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.