Workshop on Poisson Geometry

dedicated to the memory of Stanisław Zakrzewski

(Banach Center, Warsaw, 3-15 August, 1998)

List of participants and talks

* Anton Alekseev  
   Institute for Theoretical Physics, Uppsala University, SWEDEN  
   Lie group valued moment maps  
   $Q$-equivariant cohomology

* Philippe Bonneau  
   Université de Bourgogne, Departement de Mathematiques, FRANCE  
   Star products and 1-differentiable deformations

* Martin Bordemann  
   Fakultät für Physik, Universität Freiburg, GERMANY  
   Homogeneous star-products on cotangent bundles, ordering prescriptions, and the Emmrich-Weinstein classical Fedosov derivative

* Paolo Caressa  
   Dipartimento di Matematica U. Dini, Università di Firenze, ITALY  
   Some remarks on Poisson calculus

* Veronique Chloup-Arnould  
   Department de Mathematiques, Université de Metz, FRANCE  
   Linearization and star products

* Jean Paul Dufour  
   Getodim, Mathematiques – Universite Montpellier II, FRANCE  
   Singularities of Poisson and Nambu structures

* Sam Evens  
   Department of Mathematics, University of Arizona, USA  
   Poisson harmonic forms and equivariant cohomology

* Janusz Grabowski  
   Institute of Mathematics, University of Warsaw, POLAND  
   Isomorphisms of Poisson and Jacobi brackets

* Johannes Huebschmann  
   USTL UFR de Mathématiques, Labo GAT, FRANCE  
   Manin triples for bi-Lie-Rinehart algebras and differential Batalin-Vilkovisky algebras arising from the mirror conjecture

* Bronislaw Jakubczyk  
   Mathematical Institute, Polish Academy of Sciences, POLAND  
   Local invariants of pairs: a presymplectic form and a Hamiltonian

* Mikhail Karasev  
   Department of Applied Mathematics, Moscow Institute of Electronics and Mathematics, RUSSIA  
   Groupoid quantization with vacuum, irreducible quantum submanifolds, generalized hypergeometric functions, and invariants of Kähler structures I, II, III

* Eugene Karolinsky  
   Faculty of Mathematics, Kharkov State University, UKRAINE  
   A classification of Poisson homogeneous spaces of complex reductive Poisson-Lie groups

* Boris Khesin  
   School of Mathematics, Institute for Advanced Study, USA  
   Meromorphic homology and gauge theory on complex manifolds
* Katarzyna Konieczna  
Division of Mathematical Methods in Physics, University of Warsaw, POLAND

* Yvette Kosmann-Schwarzbach  
Centre de Mathematiques, Ecole Polytechnique FRANCE
Manin pairs and moment maps

* Olga Kravchenko  
IRMA, Universite Strasbourg I FRANCE
Differential operators on odd Poisson (Gerstenhaber) algebras

* Jan Kubarski  
Institute of Mathematics, Technical University of Łódź, POLAND
An analogue of the index theorem of Euler-Poincaré-Hopf in topology of some 3-dimensional Poisson manifolds

* Paulette Libermann  
FRANCE
Lie algebroids and constrained mechanical systems

* Zhang-Ju Liu  
Department of Mathematics, Peking University, CHINA
Dynamical r-matrix and Dirac structures

* Jiang-Hua Lu  
Department of Mathematics, University of Arizona, USA
Homogeneous Poisson structures on K/T.
Poisson harmonic forms and equivariant cohomology

* Kirill Mackenzie  
School of Mathematics and Statistics, University of Sheffield, UK
Notion of double for Lie algebroids and Lie bialgebroids I and II

* Gloria Mari Beffa  
Department of Mathematics, University of Wisconsin, USA
The theory of differential invariants and Hamiltonian evolutions

* Charles-Michel Marle  
Université Pierre et Marie Curie, Institut de Mathématiques, FRANCE
Structures induced on submanifolds of Poisson and Jacobi manifolds

* Giuseppe Marmo  
Dipartimento di Scienze Fisiche, Università di Napoli, ITALY
Alternative commutation relations and Poisson brackets in Quantum Mechanics
The inverse problem for Poisson brackets

* Kentaro Mikami  
Dep. of Computer Sci. and Engineering, Akita University, JAPAN
Self-similarities of Poisson structures on tori

* Piotr Mormul  
Institute of Mathematics, University of Warsaw, POLAND
Contact hamiltonians distinguishing locally certain Cartan–Goursat systems

* Ihor Mykytyuk  
Applied Mathematics Department, State University "Lviv Politechnica", UKRAINE
Classification of almost spherical pairs of compact simple Lie groups

* Nobutada Nakanishi  
Department of Mathematics, Gifu Keizai University, JAPAN
Nambu-Poisson tensors on Lie groups

* Hideki Omori  
Department of Mathematics, Science University Tokyo, JAPAN
Noncommutative upper half plane
* Valentin Ovsienko  
  CNRS, Centre de Physique Théorique, CPT-CNRS, Luminy, FRANCE  
  * Schwarzian derivative related to modules of differential operators on a locally projective manifold  
* Andriy Panasyuk  
  Division of Mathematical Methods in Physics, University of Warsaw, POLAND  
  * Symplectic realization of degenerate bihamiltonian structures  
* Serge Parmentier  
  Université Lyon 1, Institut G. Desargues (Math.),  
  F-69622 Villeurbanne cedex, FRANCE  
* Witold Respondek  
  Mathematical Institute, Polish Academy of Sciences, POLAND  
* Albert Schwarz  
  Department of Mathematics, University of California Davis, USA  
  * Poisson geometry, supergeometry, and quantum field theory  
* Małgorzata Seredyńska  
  Institute of Fundamental Technological Research, Polish Academy of Sciences, POLAND  
  * On the relative equilibria of Hamiltonian systems  
* Nguyen Sonnet  
  Center of Theoretical Physics, Polish Academy of Sciences, POLAND  
* Piotr Stachura  
  Division of Mathematical Methods in Physics, University of Warsaw, POLAND  
  * C*-algebras of differential groupoids  
* Francisco Javier Turiel  
  Geometría y Topología, Facultad de Ciencias, SPAIN  
  * Isotropic nad Lagrangian torus fibrations  
* Paweł Urbański  
  Division of Mathematical Methods in Physics, University of Warsaw, POLAND  
  * Lie algebroids and Leibniz structures  
* Izu Vaisman  
  Department of Mathematics, University of Haifa, ISRAEL  
  * Aspects of geometric quantization theory in Poisson geometry