

# COLLOQUE "Poisson 2000 "

au CIRM (Luminy, France), 26 - 30 juin 2000

Organisateurs : Yvette KOSMANN-SCHWARZBACH, Jean-Paul DUFOUR

## Programme

### Lundi 26 Juin

10h : Ouverture du congrès sous la présidence de Monsieur Jean-Marie Souriau.

10h10-11h : A. Weinstein, Doubles of Leibniz algebras and Courant algebroids.

11h30-12h20 : A. Alekseev, Lie group valued moment maps.

15h-15h50 : Z. J. Liu, The local structure of Lie bialgebroids.

16h-16h50 : J. Grabowski, Graded brackets associated with Lie algebroids.

17h30-18h20 : P. Severa, Courant algebroids and variational problems.

### Mardi 27 Juin

9h-9h50 : Ch.-M. Marle, Symmetries of Hamiltonian systems and Poisson manifolds.

10h-10h50 : T. Ratiu, Hamiltonian dynamics around critical elements.

11h30-12h20 : K. Mackenzie, Symplectic double groupoids and duality for Poisson groupoids.

15h00-15h50 : A. A. Kirillov, Family algebras.

16h-16h50 : V. Fock, Geometry of the moduli space of flat Kac-Moody connections on Riemann surfaces.

17h30-18h20 : D. Roytenberg, Equivariant cohomology via symplectic supermanifolds.

### Mercredi 28 Juin

9h-9h50 : V. Ginzburg, Poisson topology: Morita equivalence, characteristic classes, and all that.

10h-10h50 : P. Xu, Quantization of dynamical r-matrices.

11h30-12h20 : Y. M. Vorobjev, Linearized transverse Poisson structures and coupling tensors.

14h-18h : Excursion ou Après-midi libre.

18h15-19h15 : Conférence "grand public" de P. Iglésias : Parenthèses de Lagrange, crochets de Poisson : la naissance d'une nouvelle mécanique.

#### Jeudi 29 Juin

9h-9h50 : M. Karasev, Quantized restriction of Lie-Poisson algebras.

10h-10h50 : I. Vaisman, Locally Lagrangian and Poisson manifolds.

11h30-12h20 : B. Fedosov, Pseudo-differential operators and deformation quantization.

16h-16h50 : J. Huebschmann, Stratified Kaehler spaces and quantization.

17h30-18h20 : B. Khesin, Holomorphic Poisson structures and gauge groups on complex manifolds.

#### Vendredi 30 Juin

9h-9h50 : J. H. Lu, The generalized variety of Lagrangian subalgebras.

10h-10h50 : M. Gotay, On quantizing nilpotent and solvable basic algebras.

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