

Proceedings of the 4th Conference on

Poisson Geometry

June 7–11, 2004

University of Luxembourg, Luxembourg City

Grand-Duchy of Luxembourg

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4th Conference on Poisson Geometry
June 7–11, 2004, University of Luxembourg
Luxembourg City, Grand-Duchy of Luxembourg

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Foreword

This volume of the **Travaux mathématiques** is entirely devoted to articles on Poisson Geometry. Most of the works are based upon invited lectures at the forth conference on “Poisson Geometry and Related Fields”, held at the University of Luxembourg from 7 to 11 June 2004. A second type of contributions summarizes selected works presented at the poster session, and a third category is made up by original research papers tightly related with the themes of the meeting.

The conference “Poisson 2004” focused on recent developments in Poisson Geometry and Quantization. Special emphasis was placed on Poisson structures and generalizations, notions of equivalence, normal forms, Hamiltonian systems and generalized moment maps, Poisson Lie groups, Poisson groupoids and dynamical Poisson groupoids, Poisson homogeneous and symmetric spaces, and on Lie and Courant algebroids.

More than one hundred participants from all around the world contributed to the success of the meeting. Top level scientific exchange and life within an energetic mathematical community were a real enrichment. Several social events allowed deepening of relationships in a warm and pleasant atmosphere. The organizing committee is grateful for generous support by the National Research Fund of the Grand-Duchy of Luxembourg, the University of Luxembourg, the Ministry of Culture, Higher Education and Research, the Luxembourg Mathematical Society, and the Banque et Caisse d'Épargne de l'État.

The organizers would like to thank the scientific committee, the lecturers, the authors of papers published in these proceedings, all participants, and all those who helped with the organization of the meeting.

Norbert Poncin
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