

Groups and Lie Algebras, Representation Theory, and their Applications



CIMPA SCHOOL



JULY 19 - 30, 2021

UNIVERSITÉ DU BURUNDI

BUJUMBURA, BURUNDI

INTRODUCTORY COURSES

Mathematical Aspects of Quantum Mechanics

Giuseppe Dito • Université de Bourgogne

Illustration of Lie Group Theory with Real Matrices of Order Two

Jean-Pierre Gazeau • Université de Paris

Lie Groups and Lie Algebras

Kinvi Kangni • Université de Cocody-Abidjan

ADVANCED COURSES

Representations of Lie Algebras

Vyacheslav Futorny • Universidade de São Paulo

The Role of Group Theory in Coherent States and Coherent States Quantization

Laure Gouba • ICTP, Trieste

Lie Algebroids and Lie Groupoids in Poisson Geometry

Aissa Wade • Pennsylvania State University

ORGANIZING COMMITTEE

Giuseppe Dito ◊ Université de Bourgogne

Ménémore Karimumuryango ◊ Université du Burundi

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Juma Shabani ◊ Université du Burundi

Aissa Wade ◊ Pennsylvania State University

Participants requiring a financial support from CIMPA should follow the steps given in the webpage of the school. The deadline for registration of CIMPA participants is April 1st, 2021.

Webpage: http://monge.u-bourgogne.fr/gdito/CIMPA_School_Bujumbura2021

Contact: bujumbura2021@gmail.com

