Julius-Maximilians-Universität
Würzburg
Bavaria ● Germany

Autumn School 2015

Oct. 5-10 2015

From Poisson Geometry
to Quantum Fields on Noncommutative Spaces

Lectures

- **FRANCESCO D'ANDREA** (Naples)
  New Trends in Noncommutative Differential Geometry

- **MARTIN BORDEMANN** (Mulhouse)
  Algebraic Aspects of Deformation Quantization

- **HENRIQUE BURSZTYN** (Rio de Janeiro)
  Poisson Geometry and Beyond

- **SIMONE GUTT** (Brussels)
  Symmetries in Deformation Quantization

- **GANDALF LECHNER** (Cardiff)
  Strict Deformation Quantization and Noncommutative Quantum Field Theories

- **EVA MIRANDA** (Barcelona)
  Normal Forms in Poisson Geometry

$$[\![\pi,\pi]\!] = 0$$

$$f \star g = \sum_{r=0}^{\infty} \frac{(2\hbar)^r}{r!} \frac{\partial^r f}{\partial z^r} \frac{\partial^r g}{\partial \bar{z}^r}$$

Organizers

Chiara Esposito, Stefan Waldmann

www.mathematik.uni-wuerzburg.de/autumnschool2015/