

Programme on
“Higher Structures in String Theory and Quantum Field Theory”

November 16 - December 18, 2015

organized by

Harald Grosse (U Vienna), Danny Stevenson (U Adelaide), Richard J. Szabo (Heriot-Watt U)

Workshop III

Mini Workshop on KK-theory, twists and applications

December 14 – 16, 2015

• Monday, December 14, 2015

09:30 – 10:00 **Registration**

10:00 – 11:00 **Jens Kaad**

Morita equivalences of spectral triples

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Alan Carey**

Spectral flow in the skew adjoint Fredholm operators on a real Hilbert space

• Tuesday, December 15, 2015

10:00 – 11:00 **Jonathan Rosenberg**

T-duality and the Baum-Connes conjecture

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Bram Mesland**

The noncommutative geometry of Bianchi groups

12:30 – 14:00 *lunch break*

14:00 – 15:00 **Mahmoud Zeinalian**

Poisson geometry of moduli stack of twists

• Wednesday, December 16, 2015

10:00 – 11:00 **Paolo Aschieri**

Deformation quantization of Noncommutative Principal Bundles

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Hisham Sati**

Higher twisted spectra and applications

All talks take place at the ESI, Boltzmann Lecture Hall!