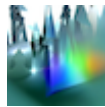


Session Program

28-30 Sept 2022



**Noncommutative geometry: metric and
spectral aspects**

30-morning

Friday 30 September

09:00

30-morning

Session | Location: Jagiellonian University, Cracow

09:00-10:00 **Geometrically realised spectral triples and dynamical mass**

Speaker

Shahn Majid

10:00-11:00 **Around heat kernel**

Speaker

Bruno Iochum

11:00-12:00 **Sequences of Noncommutative Gauge Field Theories on AF-algebras**

Speaker

Thierry Masson

12:00-12:20 **COFFEE BREAK**

12:20-12:45 **Differential nested pairs of quantum homogeneous spaces.**

Speaker

Alessandro Carotenuto

12:45-13:10 **Quantum Kaluza-Klein theory with $M_2(\mathbb{C})$**

Speaker

Chengcheng Liu

13:10-13:35

Spectral triple based Noncommutative Gauge Field Theories on AF-algebras

Speaker

Gaston Nieuviarts

13:35-14:00

Spectral and metric aspects of the Dolbeault-Dirac spectral triple on quantum $SO(5)/(SO(2) \times SO(3))$

Speaker

Elmar Wagner

14:45