

IMIA Operator Algebra and Noncommutative Geometry Seminar
University of Wollongong

Title: The peculiar geometry of Podles sphere

Speaker: Michal Eckstein (Jagellonian University, Poland)

Time and Date: 4:30pm Thursday, 27 November 2014

Location: Room 39C.meeting room

Abstract: In my talk I will describe the noncommutative geometry of the standard quantum Podles sphere. In particular, I will discuss: the dimension drop, problems with regularity and pseudodifferential operators, and the uncommon features of the heat trace.