**DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF SOUTHERN DENMARK, ODENSE**

# Mathematics seminar

## Sven Raum
## EPFL

# Groups acting on trees: representation theory and operator algebras

## Thursday 2 November 2017, 14:15-15:15
## IMADA seminar room

**Abstract**

This talk summarises different aspects of my work on totally disconnected groups, their representation theory and their operator algebras. Our guiding examples are non-discrete groups acting on trees. I will address simplicity, amenability and classification of operator algebras associated with groups acting on trees as well as representation theoretic aspects such as the admissibility conjecture.

**Host: David Kyed**