

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

## Mathematics seminar

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### The Thompson groups $T$ and $V$ are not inner amenable

Thursday 7 January 2016, 14:15-16:00  
IMADA seminar room

#### Abstract

We prove that the Thompson groups  $T$  and  $V$  are not inner amenable, so, in particular, their group von Neumann algebras do not have property  $\Gamma$ . Moreover, we prove that, if the reduced group  $C^*$ -algebra of  $T$  is simple, then the Thompson group  $F$  is non-amenable. This is joint work with Uffe Haagerup.

Host: Maria Ramirez-Solano