



Weekend Workshop on Fusion Systems 8-9 December 2018

Fusion systems are an active research topic and naturally appear in finite group theory, algebraic topology, and representation theory. This workshop aims to provide an introduction to fusion systems with an algebraic point of view. The workshop will feature lectures by **Matthew Gelvin** (Bilkent University) and **Sune Precht Reeh** (Universitat Autònoma de Barcelona). As a prerequisite a graduate course in group theory is sufficient.

8 December 2018, Saturday:

10.00 - Matthew Gelvin Introduction to fusion systems I--Alperin's Fusion Theorem

13.00 - Sune Precht Reeh Fusion systems and characteristic idempotents I

15.00 - Matthew Gelvin Introduction to fusion systems II--Characteristic Bisets

9 December 2018, Sunday:

10.00 - Sune Precht Reeh Fusion systems and characteristic idempotents II

13.00 - Matthew Gelvin Introduction to fusion systems III--Linking systems

15.00 - Sune Precht Reeh Fusion systems and characteristic idempotents III

Place: SA141 Mathematics Seminar Room

All are most cordially invited.