

Topological Groupoids and their C^* -Algebras

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Abstract

The construction of C^* -algebras from topological groupoids provides C^* -algebraists with a wealth of interesting C^* -algebras and new ways of viewing many C^* -algebras of interest. Topological dynamical systems fit into the framework of topological groupoids, so we can also use C^* -algebraic tools to study topological dynamical systems.

In this talk I will introduce topological groupoids and C^* -algebras with examples, and will try to give an idea of why people might want to study their interplay.

Invited by A. Sobnack

Time: 12 noon – 1 p.m., 17th March 2021

Location: W.O.M.P.S. (M.S. Teams)

Organiser: Simon Gabriel (simon.gabriel@warwick.ac.uk), Arjun Sobnack (arjun.sobnack@warwick.ac.uk)

Website: <https://warwick.ac.uk/fac/sci/math/research/events/seminars/areas/postgraduate/20-21>