



## Analysis Seminar

**Title:** The universal TRO of a Hilbert space

**Speaker:** R. Timoney

**Date:** Tue 14th February 2017 at 4:00PM

**Location:**

**Abstract:** A report on recent work in progress with L. Bunce to elucidate the structure of the universal TRO  $T$  for a Hilbertian JC\*-triple  $E$  (of infinite dimension). Ideals and factor representations of  $T$  can be connected to those of the right C\*-algebra  $A$  of  $T$ . We show that  $A$  is antiliminal, prime and has injective factor representations of types I, II and III when  $E$  is separable. Similar results hold for  $T$ .