

**Speaker:** Simon Thomas

**Title:** A remark on the Higman-Neumann-Neumann Embedding Theorem

**Abstract:** The Higman-Neumann-Neumann Embedding Theorem states that any countable group  $G$  can be embedded into a 2-generator group  $K$ . In this talk, I will explain why there does not exist a Borel choice which has the property that isomorphic groups  $G$  are assigned isomorphic 2-generator groups  $K$ . Perhaps surprisingly, the proof involves the collapse of the continuum to a countable set.