## Prof. Dr. Orr Shalit (Ben-Gurion University) 14.15-15.15 Uhr

Title: Essential normality, essential norms and hyper-rigidity.

**Abstract:** Arveson's conjecture on essential normality has been puzzling operator theorists for 15 years. I will present some results that can be interpreted as evidence that the conjecture does hold. I will also show how the problem connects to the theory of C\*-envelopes and hyperrigidity. This is joint with Matt Kennedy.