Analysis Seminar

"The Spectral Theorem for Locally Normal Operators"

By

Aurelian Gheondea
(Bilkent University)

Abstract: A locally normal operator is an operator acting in a strictly inductive limit of Hilbert spaces and commuting with its adjoint. After some general properties, we consider locally spectral measures and show that any locally normal operator has a unique locally spectral measure.
This theorem is then used to obtain functional calculus with locally Borel functions.

Date: **Tuesday, February 27, 2018**
Time: 16:00-17:00
Place: Mathematics Seminar Room, SA – 141

Tea and cookies will be served before the seminar.