

EINLADUNG

zu

einem didaktischen Vortrag

im Rahmen der Habilitation von

Shantanu Dave, PhD
(Fakultät für Mathematik, Universität Wien)

**“The spectral theorem for normal operators on a Hilbert
space”**

**“The spectral theorem for normal operators on a Hilbert
space”**

Abstract:

The spectral theorem for normal operators on a Hilbert space has several applications, but its proofs are very different from the finite-dimensional case. We shall consider an elegant proof of the spectral theorem, that will bring us to the footsteps of C^ -algebras. The lecture will be at the level of a 6th-semester Functional Analysis course.*

**Freitag, 11. Oktober 2019,
10:00 Uhr – 10:45 Uhr,**

**Fakultät für Mathematik,
Oskar-Morgenstern-Platz 1,
HS 9, 1 OG.**

Bernhard Lamel