

# EINLADUNG

zum Vortrag  
von

**Prof. Ekhard Salje**  
Cambridge University  
U.K.

**Ferroelectricity in ferroelastic twin boundaries (& tweed) and their dynamics**

am

**Dienstag, 17. September 2013, um 16:00**

Technische Universität Wien, Institut für Angewandte Physik  
Seminarraum 134A, Turm B (gelbe Leitfarbe), 5. OG  
1040 Wien, Wiedner Hauptstraße 8-10

## Abstract:

A new approach to generate functional materials and to investigate the dynamics of jamming avalanches is to engineer functional interfaces. I will discuss the special case of functional twin boundaries which were superconducting in an insulating matrix or ferroelectric in a paraelectric bulk. Functionalities and their origins will be discussed.

**FWF SFB F45 „Functional Oxide Surfaces and Interfaces (FOXSI)“**

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