



# EINLADUNG zum IFP-SEMINAR

Thema: **Measurements of thermal properties of solids at low temperature**

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Host: Silke Bühler-Paschen

Termin: **Mittwoch, 5. Oktober 2011, 16:00 Uhr**

Ort: TU Wien, Institut für Festkörperphysik  
Freihaus Seminarraum 138B, Turm C, 7. OG (rote Leitfarbe)  
Wiedner Hauptstraße 8-10, 1040 Wien

## Abstract:

The knowledge of the thermal properties of solids at cryogenic temperature has a twofold interest:

- 1) It gives information about the structure of the investigated sample
- 2) It provides precious data for the construction of cryogenic apparatus, in particular for projecting satellite experiments.

In this seminar the facilities of the Cryogenics laboratory of Florence and our contribution to C.U.O.R.E. experiment are reported. Measurements of the three thermal properties at low temperature are discussed providing examples and showing some technical aspects related to the adopted techniques.