



**4th Internal Workshop GRK 1621
November 3, 2016
Dülfersaal, TU Campus**

09:00 – 16:00

Agenda

Thursday November 3

**08:30 Registration and
Coffee**

09:00 Hans-Henning Klauss Welcome

09:15 Matthias Vojta Heavy-Fermion Superconductivity
From Local Spin Fluctuations

09:45 Rajib Sarkar/
Shreenanda Ghosh NMR and μ SR under uniaxial strain

10:15 Discussion

10:30 – 10:45 Coffee

10:45 Ruben Hühne Epitaxial thin films of Fe-based superconductors:
Status and challenges

11:15 Rhea Kappenberger Crystal growth of La(Fe,Co)AsO and LaFeAs(O,F)
single crystals

11:45 Svetlana Pavlova Synthesis, structure and magnetic properties
of the layered Fe-based telluride $\text{Fe}_{3-x}\text{As}_{1-y}\text{Te}_2$

12:15 – 13:15 Lunch “Alte Mensa”

13:15 Maksym Surnach Impurity effects on spin dynamics in $\text{Ba}(\text{Fe}_{1-x}\text{Mn}_x)_2\text{As}_2$

13:45 Carsten Timm Unconventional superconductivity in half-Heusler
and other compounds

14:15 Hans-Henning Klauss Nematic order, superconductivity and pseudogap
Formation in the Fe-based superconductor
(CaFe_{1-x}Pt_xAs)₁₀Pt₃As₈

14:45 **Coffee**

15:15 **Discussion**

16:00 **End**