



## SEMINAR SS 17

### "Aktuelle Themen der Angewandten Physik "

(gemeinsam mit GSI und HICforFAIR)

Zeit: freitags, 10 Uhr c.t.

Ort: Raum 02.201a/b des Instituts für Angewandte Physik, Max-von-Laue-Str. 1,  
60438 Frankfurt am Main

- 05.05. Herbert de Gerssem, TEMF, TU Darmstadt  
"Electromagnetic field simulation for the design of accelerator components"
- 12.05. Andreas Schönlein, IAP Frankfurt  
"Activities of the plasma physics group on laser and heavy ion beam interaction with matter"
- 02.06. Philipp Erbacher, IAP Frankfurt  
"Cross section measurement of  $^{87}\text{Rb}(\gamma, n)$  and  $^{90}\text{Zr}(p, \gamma)$  reactions"
- 09.06. Michael Galonska, Christian Schömers, HIT Heidelberg  
"Multi-Energy Operation of the HIT Synchrotron"
- 23.06. Christina Dimopoulou, GSI Darmstadt  
"Beam cooling systems (electron and stochastic cooling) at GSI and FAIR"
- 30.06. Marc Andre Jebramcik, CERN, Genf  
"Beam dynamics of proton-nucleus collisions in the LHC"
- 07.07. Adem Ates & Heiko Niebuhr, IAP Frankfurt  
"Diagnostics and experiments at the toroidal test bench"
- 14.07. Rahul Sing, GSI Darmstadt  
"Learning networks for classification problems in beam diagnostics"

gez. Ulrich Ratzinger, IAP Frankfurt