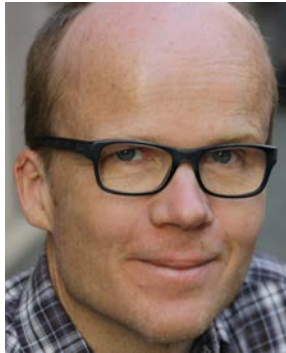




**Einladung**  
zum  
**Physikalischen Kolloquium**  
**Montag, 30.10.2017**  
**16:15 Uhr in N24/H13**



**Professor Dr. Jochen Rau**  
RheinMain University of Applied Sciences  
Wiesbaden

**The beauty of the basics – what I learnt while teaching physics in Ulm**

‘*Docendo discimus* – by teaching, we learn’, the ancient Romans used to say. After over 4 years of teaching theoretical physics in Ulm, I wholeheartedly agree. Even the basic subjects may still surprise both the student and the teacher. I will share three little gems, one from each course I taught in Ulm, which I found particularly enlightening and which, in my view, deserve a more prominent place in the theory curriculum: in classical mechanics, the Poincaré-Cartan invariant; in electrodynamics, the parallels between Maxwell’s equations and the Schrödinger equation; and in statistical mechanics, the information-theoretic underpinning of entropy, ensembles, and the second law.

Ab 16.00 Uhr Kaffee, Tee und Kekse vor dem Hörsaal H13

**Organisation:** Prof. Dr. F. Jelezko, Tel. 23750

**Host:** Prof. Dr. M. Plenio, Tel. 22900, off.: 22911