



# ***EINLADUNG***

im Rahmen des Seminars für Mathematische Physik  
(Joint TU/UV Theory Seminar)

zum Vortrag

von

***Niccolò Cribiori***

(TU Wien)

über

***„Linear versus Non-linear Supersymmetry“***

**Abstract:**

If realized in Nature, supersymmetry has to be spontaneously broken at some energy scale above the TeV. When spontaneously broken, it can become non-linearly realized. In this talk I will analyze the properties of models with spontaneously broken and non-linearly realized, global and local supersymmetry in four dimensions. A systematic procedure is going to be given for constructing generic effective theories with any desired spectrum content and applications to supergravity and de Sitter uplifts will be discussed.

**Zeit:** Dienstag, 06.11.2018, 13:45

**Ort:** Fakultät für Physik, Erwin-Schrödinger-Hörsaal,  
Boltzmanngasse 5, 5. Stock

gez.: S. Fredenhagen, D. Grumiller,  
D. Erkiner, R. Wutte