

## MP 3: Hauptvortrag

Zeit: Dienstag 14:00–14:50

Raum: JUR H

### Hauptvortrag

MP 3.1 Di 14:00 JUR H

**Local thermal equilibrium and gravity** — •RAINER VERCH —  
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In cosmology, many assertions are based on assuming that matter is

close to thermal equilibrium. Detlev Buchholz et al. have made an attempt towards a more precise concept of local thermal equilibrium in quantum field theory. We present an approach towards generalization of this concept to quantum field theory in curved spacetimes, and some interesting results, also pertaining to scenarios in cosmology.