

FAKULTÄT für PHYSIK  
LUDWIG-MAXIMILIANS-UNIVERSITÄT  
MÜNCHEN/GARCHING

PHYSIK-DEPARTMENT  
TECHNISCHE UNIVERSITÄT MÜNCHEN  
MÜNCHEN/GARCHING

## MLL-KOLLOQUIUM

Donnerstag, 11.12.2014, 16<sup>15</sup> Uhr

Seminarraum 127, TUM, Physik II, Erdgeschoss/Nord  
Treffen zum gemeinsamen Kaffee 16 Uhr

Dr. Johannes Weber

(Physik-Department T30f, TU München)

### Lattice calculation of static quark correlators at finite temperature

We use lattice-QCD as a method to study properties of hot QCD-matter using state-of-the-art simulations with 2+1 flavours of HISQ fermions. We calculate static quark correlation functions that represent important, non-perturbative input for effective field theory studies of quarkonia.

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