FAKULTÄT für PHYSIK
LUDWIG-MAXIMILIANS-UNIVERSITÄT
MÜNCHEN/GARCHING

PHYSIK-DEPARTMENT
TECHNISCHE UNIVERSITÄT MÜNCHEN
MÜNCHEN/GARCHING

MLL-KOLLOQUIUM

Donnerstag, 05.06.2014, 16^{15} Uhr

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

Dr. Michael Benzke

(TU München, Physik-Department T30f)

Jet quenching in effective theories

A promising approach to study the properties of deconfined QCD matter (e.g. the quark-gluon plasma) is to analyze its interactions with jets. Presently, experiments probing this new state of matter in heavy-ion collisions are being performed at RHIC and LHC. A recent theoretical development involves the application of effective field theories for a more systematic approach to the calculation of jet-medium interactions. In this talk, the basic ideas will be introduced and some current issues are discussed.

gez. Peter Thirolf
Tel. 289-14064

gez. Norbert Kaiser
Tel. 289-12367