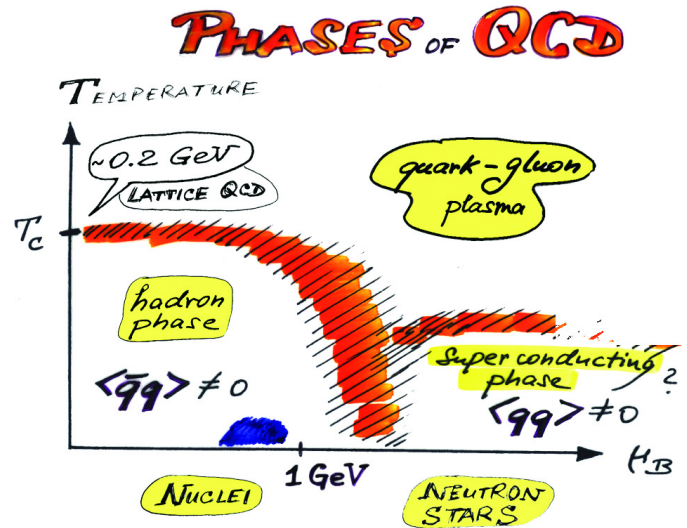


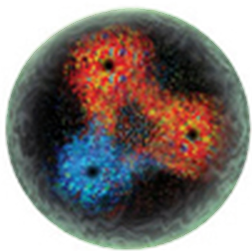


Festsymposium zum 70. Geburtstag von Prof. Dr. Wolfram Weise

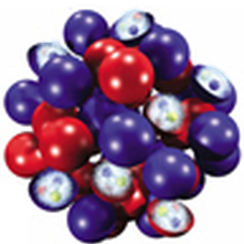


Thursday, 14 April 2016

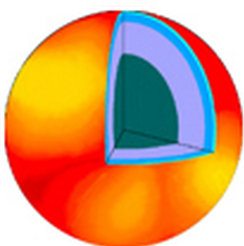
Institute for Advanced Study, Technische Universität München



1 fm
NUCLEON



10 fm
ATOMIC NUCLEUS



20 km
NEUTRON STAR

- 10:00 **Welcome**
- 10:10 Ulrich Heinz, *Ohio State University*:
The smallest of the little bangs – the fluid dynamics of proton-proton and proton-nucleus collisions
- 10:50 Peter Braun-Munzinger, *EMMI/GSI & Universität Heidelberg*:
Particle production in high-energy nuclear collisions and the phase structure of QCD
- 11:30 **Coffee break**
- 11:50 Gordon Baym, *University of Illinois at Urbana-Champaign*:
Dense matter in QCD and neutron stars
- 12:30 Tetsuo Hatsuda, *RIKEN Nishina Center*:
Nuclear physics from lattice QCD
- 13:10 **Noon break**
- 14:00 Ulf-G. Meißner, *Universität Bonn*:
Chiral dynamics – taming strong QCD
- 14:40 Achim Schwenk, *Technische Universität Darmstadt*:
Chiral effective field theory of nuclear forces – from nuclei to stars and dark matter
- 15:20 Volker Metag, *Universität Giessen*:
In-medium properties of mesons – experimental results compared to theoretical predictions
- 16:00 **Coffee break**
- 16:40 Thomas Schäfer, *North Carolina State University*:
Conformal quantum fluids
- 17:20 Anthony Thomas, *University of Adelaide*:
From quarks to nuclei

