

Helmholtz Alliance

Extremes of Density and Temperature: Cosmic Matter in the Laboratory

ExtreMe Matter Institute EMMI

Program in Collaboration with Yukawa Institute for Theoretical Physics

Renormalization Group Approach From Ultra Cold Atoms to the Hot QGP

Yukawa Institute for Theoretical Physics, Kyoto
August 22 - September 9, 2011

Topics

- Phase diagram & dynamics of QCD
- Astrophysics & nuclear structure from the RG
- Phase diagram & dynamics of ultracold gases
- Non-equilibrium evolution & dynamics
- Cosmology & UV completion of the Standard Model

Confirmed Speakers

A. Andronic (GSI)
K.-I. Aoki (Kanazawa)
J. Berges (Darmstadt)
B. Delamotte (Paris)
S. Flörchinger (CERN)
K. Harada (Kyusyu)
K. Hebeler (Columbus)
Y. Igarashi (Niigata)
A. Ipp (Vienna)
K. Itoh (Niigata)
S. Jochim (Heidelberg)
B. Klein (Munich)
K.-I. Kondo (Chiba)
P. Kopietz (Frankfurt)
D. Litim (Sussex)
T. Mukaiyama (Tokyo)
B. Nowak (Heidelberg)
M. Pietroni (Padua)
F. Saueressig (Mainz)
B.-J. Schaefer (Graz)
M. Scherer (Aachen)
V. Skokov (GSI)
H. Sonoda (Kobe)
M. Strickland (Gettysburg)
G. Tarjus (Paris)
H. Terao (Nara)
M. Tezuka (Kyoto)
N. Wschebor (Montevideo)
N. Xu (Berkeley)

Information

www2.yukawa.kyoto-u.ac.jp/ws/2011/rg-qgp/

Organizing Committee

Jean-Paul Blaizot (Saclay)
Kenji Fukushima (Yokohama)
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Jan M. Pawłowski (Heidelberg)
Christof Wetterich (Heidelberg)

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More about EMMI

www.gsi.de/emmi

