

Quark-Gluon Plasma meets Cold Atoms - Episode II

Report of Contributions

Contribution ID: 0

Type: **not specified**

Dilute gases with strong interactions: Fermionic superfluidity and imbalanced Fermi liquids in ultracold Fermi gases

Tuesday, 4 August 2009 09:00 (1h 30m)

Presenter: ZWIERLEIN, Martin (MIT)

Contribution ID: 1

Type: **not specified**

On the phase diagram of QCD

Tuesday, 4 August 2009 11:00 (1h 30m)

Presenter: PAWLOWSKI, Jan (Heidelberg University)

Contribution ID: 2

Type: **not specified**

BCS-BEC Crossover and Thermodynamics in Asymmetric Nuclear Matter: Mean Field Analysis

Tuesday, 4 August 2009 14:00 (45 minutes)

Presenter: HUANG, Xu-Guang (FIAS and Frankfurt University)

Contribution ID: 3

Type: **not specified**

Density functional and hydrodynamics equations for the confined unitary Fermi gas

Tuesday, 4 August 2009 14:45 (45 minutes)

Presenter: SALASNICH, Luca (University of Padua)

Contribution ID: 4

Type: **not specified**

Spectral signatures of the FFLO order parameter in one-dimensional optical lattices

Tuesday, 4 August 2009 16:00 (45 minutes)

Presenter: BAKHTIARI, Reza M. (Frankfurt University)

Contribution ID: 5

Type: **not specified**

Three-loop HTL Free Energy for QED

Tuesday, 4 August 2009 16:45 (45 minutes)

Presenter: SU, Nan (FIAS, Frankfurt University)

Contribution ID: 6

Type: **not specified**

Color superconductivity in dense quark matter

Wednesday, 5 August 2009 09:00 (1h 30m)

Presenter: SCHMITT, Andreas (TU Vienna)

Contribution ID: 7

Type: **not specified**

Solitonic ground states in (color-) superconductivity

Wednesday, 5 August 2009 10:30 (45 minutes)

Presenter: BUBALLA, Michael (TU Darmstadt)

Contribution ID: **8**

Type: **not specified**

Excursion/Hiking*

Wednesday, 5 August 2009 11:15 (7h 15m)

Contribution ID: 9

Type: **not specified**

Strong correlations in optical lattices

Thursday, 6 August 2009 09:00 (1h 30m)

Presenter: HOFSTETTER, Walter (Frankfurt Unviersity)

Contribution ID: **10**

Type: **not specified**

Non-Abelian Gauge Fields and Cold Atoms: Schrödinger, Dirac and beyond

Thursday, 6 August 2009 10:50 (45 minutes)

Presenter: MERKL, Michael (SUPA, Heriot-Watt University Edinburgh)

Contribution ID: 11

Type: **not specified**

Excursion/Hiking*

Thursday, 6 August 2009 12:20 (6h 10m)

Contribution ID: 12

Type: **not specified**

How the tail wags the dog in ultracold atoms

Friday, 7 August 2009 09:00 (1h 30m)

Presenter: BRAATEN, Eric (Ohio State and Bonn University)

Contribution ID: 13

Type: **not specified**

Dinner

Monday, 3 August 2009 18:30 (1h 30m)

Contribution ID: 14

Type: **not specified**

Efimov Physics with Fermions

Friday, 7 August 2009 10:50 (1h 30m)

Presenter: HAMMER, Hans-Werner (Bonn University)

Contribution ID: 15

Type: **not specified**

Functional renormalization and Ultracold quantum gases

Friday, 7 August 2009 12:20 (45 minutes)

Presenter: FLÖRCHINGER, Stefan (Heidelberg University)

Contribution ID: 16

Type: **not specified**

Ultracold three-component Fermi gases: Going from few-body to many-body physics

Friday, 7 August 2009 20:15 (45 minutes)

Presenter: LOMPE, Thomas (MPI Heidelberg)

Contribution ID: 17

Type: **not specified**

How to find topological charge in the Quark-Gluon plasma

Thursday, 6 August 2009 11:35 (45 minutes)

Presenter: WARRINGA, Harmen (Frankfurt University)

Contribution ID: **20**

Type: **not specified**

Departure

Saturday, 8 August 2009 10:00 (0 minutes)

Contribution ID: 21

Type: **not specified**

Happy polarons

Thursday, 6 August 2009 20:00 (45 minutes)

Presenter: ZWIERLEIN, Martin (MIT)

Contribution ID: 22

Type: **not specified**

Excursion/Hiking

Friday, 7 August 2009 13:05 (5h 25m)

Contribution ID: 23

Type: **not specified**

Few-body physics with ultracold Fermi gases

Friday, 7 August 2009 19:30 (45 minutes)

Presenter: SCHMIDT, Richard (TU München)