

# **The Physics of High Baryon Density**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## QCD phase diagram

*Monday, 29 May 2006 09:30 (30 minutes)*

**Presenter:** STEPHANOV, Misha (Chicago)

Contribution ID: 1

Type: **not specified**

# QCD Equation of state and susceptibilities from the lattice

*Monday, 29 May 2006 10:00 (30 minutes)*

**Presenter:** LAERMANN, Edwin (Bielefeld)

Contribution ID: 2

Type: **not specified**

# Search for Hadronic Shore in High-Energy Nuclear Collisions

*Monday, 29 May 2006 10:30 (30 minutes)*

**Presenter:** XU, Nu (Berkeley)

Contribution ID: 3

Type: **not specified**

## Properties of strongly interacting matter

*Monday, 29 May 2006 11:30 (30 minutes)*

**Presenter:** LEUPOLD, Stefan (Giessen)

Contribution ID: 4

Type: **not specified**

## In-medium excitations

*Monday, 29 May 2006 12:00 (30 minutes)*

**Presenter:** KÄMPFER, Burkhard (Dresden)

Contribution ID: 5

Type: **not specified**

## Collision Dynamics

*Monday, 29 May 2006 14:00 (30 minutes)*

**Presenter:** FUCHS, Christian (Tübingen)

Contribution ID: 6

Type: **not specified**

## Status Physics Book: Observables and Predictions

*Monday, 29 May 2006 14:30 (30 minutes)*

**Presenter:** BRATKOVSKAYA, Elena (Giessen)



Contribution ID: 7

Type: **not specified**

## The CBM Experiment at FAIR

*Monday, 29 May 2006 15:00 (30 minutes)*

**Presenter:** FRIESE, Volker (GSI, Darmstadt)

Contribution ID: 8

Type: **not specified**

## Hadrons in Medium

*Tuesday, 30 May 2006 09:30 (30 minutes)*

**Presenter:** LEUPOLD, Stefan (Giessen)

Contribution ID: 9

Type: **not specified**

# Phenomenology of Dilepton Production in Heavy-Ion Collisions

*Tuesday, 30 May 2006 10:00 (30 minutes)*

**Presenter:** RAPP, Ralf (College Station)

Contribution ID: **10**

Type: **not specified**

## **Low Mass Electron Pairs Experiments**

*Tuesday, 30 May 2006 10:30 (30 minutes)*

**Presenter:** STROTH, Joachim (Goethe Universität Frankfurt)

Contribution ID: **11**

Type: **not specified**

## **Dimuon measurements with NA60**

*Tuesday, 30 May 2006 14:00 (30 minutes)*

**Presenter:** SCOMPARIN, Enrico (Torino)

Contribution ID: **12**

Type: **not specified**

## Transport and In-Medium Effects

*Tuesday, 30 May 2006 14:30 (30 minutes)*

**Presenter:** FUCHS, Christian (Tübingen)

Contribution ID: **13**

Type: **not specified**

## Strangeness in medium

*Tuesday, 30 May 2006 15:00 (30 minutes)*

**Presenter:** HERRMANN, Norbert (Universität Heidelberg)

Contribution ID: 14

Type: **not specified**

## Heavy quark potentials and spectral functions

*Wednesday, 31 May 2006 09:30 (30 minutes)*

**Presenter:** PETRECKZY, Peter (Brookhaven)



Contribution ID: 15

Type: **not specified**

## Kinetics of Charm in Medium

*Wednesday, 31 May 2006 10:00 (30 minutes)*

**Presenter:** VAN HEES, Hendrik (College Station)

Contribution ID: **16**

Type: **not specified**

## Charm in transport

*Wednesday, 31 May 2006 10:30 (30 minutes)*

**Presenter:** CASSING, Wolfgang (Giessen)

Contribution ID: 17

Type: **not specified**

## Charm with STAR

*Wednesday, 31 May 2006 14:00 (30 minutes)*

**Presenter:** SCHWEDA, Kai (Heidelberg)

Contribution ID: **18**

Type: **not specified**

## **Strangeness production at AGS and SPS**

*Wednesday, 31 May 2006 14:30 (30 minutes)*

**Presenter:** HÖHNE, Claudia (GSI, Darmstadt)

Contribution ID: **19**

Type: **not specified**

## **Pion and kaon production at 2-40 AGeV**

*Wednesday, 31 May 2006 15:00 (30 minutes)*

**Presenter:** LARIONOV, Alexej (Giessen)

Contribution ID: 20

Type: **not specified**

## Some ideas about high-density QGP

*Thursday, 1 June 2006 09:30 (30 minutes)*

**Presenter:** SHURYAK, Edward (Stony Brook)

Contribution ID: **21**

Type: **not specified**

## Phases of QCD

*Thursday, 1 June 2006 10:00 (30 minutes)*

**Presenter:** RATTI, Claudia (Trento)

Contribution ID: 22

Type: **not specified**

# EoS Constraints from Astrophysics of Compact Stars

*Thursday, 1 June 2006 10:30 (30 minutes)*

**Presenter:** BLASCHKE, David (Rostock)



Contribution ID: 23

Type: **not specified**

# The critical region of the QCD phase transition

*Thursday, 1 June 2006 11:30 (30 minutes)*

**Presenter:** SCHAEFER, Bernd-Jochen (Graz)

Contribution ID: 24

Type: **not specified**

# Collective Dynamics in Heavy Ion collisions at FAIR

*Thursday, 1 June 2006 14:00 (30 minutes)*

**Presenter:** KO, Che-Ming (College Station)

Contribution ID: 25

Type: **not specified**

## Isentropes in a 'realistic' Phase Diagram

*Thursday, 1 June 2006 14:30 (30 minutes)*

**Presenter:** ZEEB, Gebhard (Frankfurt)

Contribution ID: 26

Type: **not specified**

## **Transverse Flow in 3-Fluid Dynamics (AGS to SPS)**

*Thursday, 1 June 2006 15:00 (30 minutes)*

**Presenter:** IVANOV, Juri (Moscow)

Contribution ID: 27

Type: **not specified**

## **The order of the finite temperature QCD transition - physical quark masses in the continuum**

*Friday, 2 June 2006 09:30 (30 minutes)*

**Presenter:** FODOR, Zoltan (Wuppertal)

Contribution ID: 28

Type: **not specified**

## **QCD Equation of state in perturbation theory (and beyond. . . )**

*Friday, 2 June 2006 10:00 (30 minutes)*

**Presenter:** RUMMUKAINEN, Kari (Geneva)

Contribution ID: 29

Type: **not specified**

## Fluctuations and Correlations

*Friday, 2 June 2006 10:30 (30 minutes)*

**Presenter:** KOCH, Volker (Berkeley)

Contribution ID: 30

Type: **not specified**

# Equilibration of Matter of Matter Near QCD Critical Point

*Friday, 2 June 2006 11:30 (30 minutes)*

**Presenter:** ZABRODIN, Eugene (Oslo)



Contribution ID: **31**

Type: **not specified**

## **Signatures of a first-order phase transition**

*Friday, 2 June 2006 12:00 (30 minutes)*

**Presenter:** RANDRUP, Jorgen (Berkeley)

Contribution ID: **32**

Type: **not specified**

## **A Low Energy Program at RHIC**

*Friday, 2 June 2006 14:00 (30 minutes)*

**Presenter:** RITTER, Hans Georg (Berkeley)