

**Session Program**

**30 May 2016 to 4 June 2016**



**Critical Point and Onset of Deconfinement  
2016**

***Plenary session***

University of Wrocław, Oratorium Marianum  
plac Uniwersytecki 1

# Monday 30 May

09:00

## Plenary session

**Session** | **Location:** University of Wrocław, Oratorium Marianum, Main Building, plac Uniwersytecki 1

09:00–09:30 **Status of Lattice QCD Simulations**

**Speaker**

Frithjof Karsch

09:30–10:00 **Limits on the experimental search for the CEP**

**Speaker**

Nu Xu

10:00–10:30 **From Glasma to QCD phase boundary**

**Speaker**

Larry McLerran

10:30–11:00 **Coffee break**

11:00–11:30

**News from strong interactions program of the NA61/SHINE experiment**

**Speaker**

Katarzyna Grebieszko

11:30–12:00 **Future facilities for HIC**

**Speaker**

Volker Friese

12:00–12:30 **Systematic Extraction of QGP Properties**

**Speaker**

Steffen Bass

12:30–13:00 **Fluctuations of charges at the phase boundary**

**Speaker**

Kenji Morita

13:00

## Tuesday 31 May

09:00

### Plenary session

**Session** | **Location:** University of Wrocław, Oratorium Marianum, Main Building, plac Uniwersytecki 1

09:00–09:30 **Horizons, causality and information transfer**

**Speaker**

Helmut Satz

09:30–10:00 **Chiral criticality: confronting models with data**

**Speaker**

Bengt Friman

10:00–10:30 **Fluctuations in a finite volume**

**Speaker**

Bernd-Jochen Schaefer

10:30–11:00 **Coffee break**

11:00–11:30

**Observation of the Critical Point in the Phase Diagram for Hot and Dense Nuclear Matter**

**Speaker**

Roy Lacey

11:30–12:00 **Anisotropic hydrodynamics**

**Speaker**

Wojciech Florkowski

12:00–12:30

**Directed flow in heavy-ion collisions and softening of equation of state**

**Speaker**

Akira Ohnishi

12:30–13:00

**Vorticity in the QGP liquid and Lambda polarization at the RHIC BES energies**

**Speaker**

Iurii Karpenko

13:00

# Wednesday 1 June

09:00

## Plenary session

**Session** | **Location:** University of Wrocław, Oratorium Marianum, Main Building, plac Uniwersytecki 1

09:00–09:30 **Particle production at QCD phase boundary**

**Speaker**

Peter Braun-Munzinger

09:30–10:00

**Production of light flavor hadrons in pp, p-Pb and Pb-Pb collisions with ALICE**

**Speaker**

Helmut Oeschler

10:00–10:30

**Chiral symmetry restoration versus deconfinement in heavy-ion collisions at high baryon density**

**Speaker**

Elena Bratkovskaya

10:30–11:00

**Coffee break**

11:00–11:30

**Photon emission in the vicinity of a critical point**

**Speaker**

Burkhard Kampfer

11:30–12:00

**The Compressed Baryonic Matter (CBM) Experiment at FAIR**

**Speaker**

Christoph Blume

12:00–12:30

**STAR BES-I highlights and RHIC BES-II program**

**Speaker**

Zhangbu Xu

12:30–13:00

**Hadron production at SIS energies: an update from HADES**

**Speaker**

Manuel Lorenz

13:00

# Thursday 2 June

09:00

## Plenary session

**Session** | **Location:** University of Wrocław, Oratorium Marianum, Main Building, plac Uniwersytecki 1

09:00–09:30 **Heavy flavor production at the QCD phase boundary**

**Speaker**

Johanna Stachel

09:30–10:00 **Fluctuation observables in heavy ion collisions**

**Speaker**

Volker Koch

10:00–10:30

**QCD transition and chemical freezeout in the presence of magnetic field**

**Speaker**

Kenji Fukushima

10:30–11:00 **Coffee break**

11:00–11:30 **Effective dynamical models for fluctuations at the QCD transition**

**Speaker**

Marlene Nahrgang

11:30–12:00 **On spectral functions and transport coefficients in QCD**

**Speaker**

Jan M. Pawłowski

12:00–12:30 **Understanding experimentally-observed fluctuations**

**Speaker**

Masakiyo Kitazawa

12:30–13:00 **From cold Fermi fluids to the hot QGP**

**Speaker**

Marcus Bluhm

13:00

# Friday 3 June

09:00

## Plenary session

**Session** | **Location:** University of Wrocław, Oratorium Marianum, Main Building, plac Uniwersytecki 1

09:00–09:30 **Energy scan programs in HIC**

**Speaker**

Anar Rustamov

09:30–10:00 **Interplay between deconfinement and chiral properties**

**Speaker**

Hideo Sugauma

10:00–10:30

**$SU(2N_F)$  symmetry of QCD at high temperature and its implications**

**Speaker**

Leonid Glozman

10:30–11:00 **Coffee break**

11:00–11:30 **Thermal Model Description of Collisions of Small Nuclei.**

**Speaker**

Jean Cleymans

11:30–12:00 **Search for a mixed phase of QCD matter at NICA**

**Speaker**

Alexander Sorin

12:00–12:30 **Polyakov loop fluctuations in terms of Dirac eigenmodes**

**Speaker**

Takahiro Doi

12:30–13:00 **Generalized Beth-Uhlenbeck approach to quark-hadron matter**

**Speaker**

David Blaschke

13:00

# Saturday 4 June

09:00

## Plenary session

**Session** | **Location:** University of Wrocław, Oratorium Marianum, Main Building, plac Uniwersytecki 1

09:00–09:30 **Transport Theory Based on the Nambu—Jona-Lasinio Lagrangian**

**Speaker**

Joerg Aichelin

09:30–10:00 **Correlated fluctuations near the QCD critical point**

**Speaker**

Huichao Song

10:00–10:30 **Collective dynamics in small systems**

**Speaker**

Piotr Bożek

10:30–11:00 **Coffee break**

11:00–11:30

**Recent progress in understanding deconfinement and chiral symmetry breaking transitions**

**Speaker**

Edward Shuryak

11:30–12:00

**Off-equilibrium Non-Gaussian Cumulants: criticality, complexity, and universality**

**Speaker**

Swagato Mukherjee

12:00–12:30

**Probing the nature of phases across the phase transition at finite isospin chemical potential**

**Speaker**

Rajiv V Gavai

12:30–13:00 **Wounded quarks at the LHC**

**Speaker**

Wojciech Broniowski

13:00