

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 Suganuma

10:00–10:30

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

Speaker

Leonid Glzman

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 Gai

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

Speaker

Wojciech Broniowski

13:00