

# **QCD thermodynamics - pressure and passion**

**Wednesday, 24 August 2016 - Friday, 26 August 2016**

**Schloss Waldthausen  
Programme**

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# Wednesday 24 August 2016

**Arrival and registration - Foyer (17:00-19:00)**

**Dinner - Restaurant (19:00-20:00)**

**Free discussions - Wine cellar (20:00-23:00)**

# Thursday 25 August 2016

## Welcome (09:00-09:10)

-Presenters: WESSELS, Johannes Peter

## Recent progress in understanding deconfinement and chiral restoration phase transitions (09:10-09:40)

-Presenters: SHURYAK, Edward

## Fluctuations and correlations. Lessons from the RHIC Beam Energy Scan (09:40-10:10)

-Presenters: KOCH, Volker

## 25 years of dilepton physics (10:10-10:40)

-Presenters: TSERRUYA, Itzhak

## Coffee break (10:40-11:10)

## Statistical hadronization at the QCD phase boundary (11:10-11:40)

-Presenters: STACHEL, Johanna

## The "Proton"-Nucleus Enigma (11:40-12:10)

-Presenters: HARRIS, John William

## The electromagnetic dissociation of relativistic heavy ions (12:10-12:40)

-Presenters: LLOPE, W.J.

## Lunch - Restaurant (12:40-14:00)

## Elementary quantum mechanics of the neutron electric dipole moment (14:00-14:30)

-Presenters: BAYM, Gordon

## Reverend Bayes weighs in on nuclear physics (14:30-15:00)

-Presenters: BERTSCH, George

## Chasing Neutrinos (15:00-15:30)

-Presenters: PAUL, Peter

## Coffee break (15:30-16:00)

## Molecular Imaging: At the Forefront of Medicine but firmly rooted in Nuclear Physics (16:00-16:30)

-Presenters: FREIFELDER, Richard

## Precision Tracking Detectors in Heavy-Ion Experiments (16:30-17:00)

-Presenters: MUSA, Luciano

## The TPC instrument (17:00-17:30)

-Presenters: MAGER, Magnus

**From Bach to Morricone - a time travel with Duo Pasculli (18:00-19:00)**

**Dinner - Restaurant (19:00-21:00)**

**Free discussions - Wine cellar (21:00-00:00)**

# Friday 26 August 2016

## Light flavour hadron production at the LHC: from equilibrium thermodynamics to chiral symmetry restoration

(09:00-09:30)

-Presenters: KALWEIT, Alexander Philipp

## Results and perspectives on the measurements of (hyper-)nuclei and exotica with ALICE at the LHC

(09:30-10:00)

-Presenters: DOENIGUS, Benjamin

## Probing the phase structure of strongly interacting matter with fluctuation signals (10:00-10:30)

-Presenters: RUSTAMOV, Anar

## Coffee break (10:30-11:00)

## Jet quenching measurements with the leading hadrons (11:00-11:30)

-Presenters: KNICHEL, Michael Linus

## Jet physics at ALICE (11:30-12:00)

-Presenters: BUSCH, Oliver

## Lunch - Restaurant (12:30-14:00)

## Charm and beauty in QGP physics (14:00-14:30)

-Presenters: MASCIOCCHI, Silvia

## ALICE now and in future (14:30-15:00)

-Presenters: GIUBELLINO, Paolo

## Farewell (15:00-15:10)

-Presenters: BRAUN-MUNZINGER, Peter

## Coffee break (15:10-16:00)

## Departure (16:00-17:00)