

XIIIth Quark Confinement and the Hadron Spectrum

Wednesday, 1 August 2018

Deconfinement: D1a - Hall F (14:00 - 15:40)

-Conveners: Aleksii Vuorinen

| time | [id] title | presenter |
|-------|--------------------------------------------------------------------------------------------------|-----------------------------|
| 14:00 | [233] Transition temperature and universal scaling in QCD at zero and non-zero baryon densities | SCHMIDT, Christian |
| 14:30 | [108] Equation of state in 2 + 1 flavor QCD at high temperatures | Dr WEBER, Johannes Heinrich |
| 15:00 | [192] Towards a precise determination of the EoS of QCD to high-temperature | Dr DALLA BRIDA, Mattia |
| 15:20 | [227] Quark-hadron duality at finite temperature : Local Correlators in the hadron resonance gas | Prof. RUIZ ARRIOLA, Enrique |

Deconfinement: D1b - Hall F (16:00 - 17:40)

-Conveners: Aleksii Vuorinen

| time | [id] title | presenter |
|-------|----------------------------------------------------------------------------------------------------------------------|------------------------|
| 16:00 | [244] Do we produce quark-gluon plasma in all hadronic colliding systems? | Dr GUILBAUD, Maxime |
| 16:30 | [100] Matching the non-equilibrium initial stage of heavy ion collisions to hydrodynamics with QCD kinetic theory | MAZELIAUSKAS, Aleksas |
| 17:00 | [57] Analytical generalization of 3+1 dimensional self-similar and Gubser flows to relativistic magnetohydrodynamics | Mr SHOKRI, Masoud |
| 17:20 | [142] Relativistic fluid dynamics of spin-polarized systems of particles | Dr RYBLEWSKI, Radoslaw |

Thursday, 2 August 2018

Deconfinement: D2a - Hall F (14:00 - 16:00)

-Conveners: Edmond Iancu

| time | [id] title | presenter |
|-------|--------------------------------------------------------------------------------------------------------------------|---------------------|
| 14:00 | [164] Gluon saturation from transverse-momentum dependent distributions at small x in the Color Glass Condensate | PETRESKA, Elena |
| 14:30 | [256] Forward particle production in proton-nucleus collisions at next-to-leading order | DUCLOUE, Bertrand |
| 15:00 | [138] Entanglement entropy and high energy scattering | KOVNER, Alexander |
| 15:30 | [168] Understanding the dynamics of field theories far from equilibrium | BOGUSLAVSKI, Kirill |

Deconfinement: D2b - Hall F (16:20 - 18:20)

-Conveners: Edmond Iancu

| time | [id] title | presenter |
|-------|-------------------------------------------------------------------------------------|--------------------|
| 16:20 | [330] Recent highlights of the LHC program on jets in heavy ion collisions | Prof. LEE, Yen-Jie |
| 16:50 | [208] Toward a unified description of jet and medium scales in heavy-ion collisions | TYWONIUK, Konrad |
| 17:20 | [255] Vacuumlike Jet Fragmentation in a Dense QCD Medium | Mr CAUCAL, Paul |
| 17:50 | [257] Spectral and transport properties from Lattice QCD | Dr KACZMAREK, Olaf |

Friday, 3 August 2018

Deconfinement: D3a - Hall F (14:00 - 15:40)

-Conveners: Peter Petreczky

| time | [id] title | presenter |
|-------|---------------------------------------------------------------------------------------------------------------------------|-----------------|
| 14:00 | [89] Azimuthal momentum anisotropies in proton-proton collisions and other small systems | SCHENKE, Bjoern |
| 14:30 | [75] Nonequilibrium viscous correction to the phase space density and bulk viscosity in the relaxation time approximation | CZAJKA, Alina |
| 15:00 | [122] Temperature dependence of η/s : uncertainties from the equation of state | AUVINEN, Jussi |
| 15:20 | [141] Wigner function approach to polarization-vorticity coupling and hydrodynamics with spin | KUMAR, Avdhesh |

Deconfinement: D3b - Hall F (16:00 - 17:50)

-Conveners: Peter Petreczky

| time | [id] title | presenter |
|-------|------------------------------------------------------------------------------|---------------------------|
| 16:00 | [107] Hadron gas with repulsive mean field | HUOVINEN, Pasi |
| 16:30 | [181] S-matrix approach to hadron gas | Dr LO, Pok Man |
| 17:00 | [76] Chiral and $U(1)_A$ restoration: Ward Identities and effective theories | Prof. GOMEZ NICOLA, Angel |
| 17:20 | [273] Towards the NNNLO pressure of cold and dense QCD | SÄPPI, Matias |

Sunday, 5 August 2018

Deconfinement: D5a - Hall F (14:00 - 16:00)

-Conveners: Yiota Foka

| time | [id] title | presenter |
|-------|-----------------------------------------------------------------------------------------------|--------------------------------------|
| 14:00 | [201] In-medium heavy quarkonium from lattice NRQCD | Prof. ROTHKOPF, Alexander |
| 14:30 | [295] Loop functions in thermal QCD | VAIRO, Antonio |
| 15:00 | [92] On nonequilibrium quarkonium evolution in the QGP fireball | ZHU, Yan |
| 15:20 | [170] J/ψ production in pp and nucleus-nucleus collisions measured with ALICE | Mr JIMENEZ BUSTAMANTE, Raul Tonatiuh |
| 15:40 | [172] Low-mass dielectron measurements in pp, p-Pb and Pb-Pb collisions with ALICE at the LHC | VAZQUEZ DOCE, Oton |

Deconfinement: D5b - Hall F (16:40 - 18:30)

-Conveners: Yiota Foka

| time | [id] title | presenter |
|-------|------------------------------------------------------------------------------|------------------------|
| 16:40 | [91] Recent results on strangeness production at the LHC with ALICE | ELIA, Domenico |
| 17:10 | [104] Study of deconfined quark matter at zero temperature and high density | Mr NIKOLAEV, Aleksandr |
| 17:30 | [175] Sphaleron diffusion rate in lattice gluodynamics | KOTOV, Andrey |
| 17:50 | [209] Lattice Landau gauge quark propagator at finite temperature | SILVA, Paulo |
| 18:10 | [154] Thermal effective potential for the Polyakov loop to higher loop order | NISHIMURA, Hiromichi |