

Thermalization in a Nonabelian Plasma

Report of Contributions

Contribution ID: 0

Type: **not specified**

EMMI Rapid Reaction Task Force on Thermalization

Presenter: BLAIZOT, J.-P.

Contribution ID: 1

Type: **not specified**

EMMI Rapid Reaction Task Force on Thermalization

Monday, 12 December 2011 09:00 (45 minutes)

Presenter: BLAIZOT, J.-P.

Session Classification: Introductory talks

Contribution ID: 2

Type: **not specified**

Introduction to the Physics of Plasma Instabilities

Monday, 12 December 2011 09:45 (45 minutes)

Presenter: MOORE, G.

Session Classification: Introductory talks

Contribution ID: 3

Type: **not specified**

Color Glass and Bose-Einstein Condensates

Monday, 12 December 2011 11:00 (45 minutes)

Presenter: MCLERRAN, L.

Session Classification: Introductory talks

Contribution ID: 4

Type: **not specified**

The over-populated Quark-Gluon Plasma on the Lattice

Monday, 12 December 2011 11:45 (45 minutes)

Presenter: BERGES, J.

Session Classification: Introductory talks

Contribution ID: 5

Type: **not specified**

Entropy Growth and Equilibration in Strongly Coupled Gauge Theories

Tuesday, 13 December 2011 09:00 (30 minutes)

Presenter: MÜLLER, B.

Session Classification: Overview talks: Facets of thermalization

Contribution ID: 6

Type: **not specified**

Thermalization of Boost-Invariant Plasma at Strong Coupling from AdS/CFT

Tuesday, 13 December 2011 09:30 (30 minutes)

Presenter: JANIK, R.

Session Classification: Overview talks: Facets of thermalization

Contribution ID: 7

Type: **not specified**

Thermalization in a parton kinetic description including Bremsstrahlung

Tuesday, 13 December 2011 10:00 (30 minutes)

Presenter: GREINER, C.

Session Classification: Overview talks: Facets of thermalization

Contribution ID: 8

Type: **not specified**

Preheating and Thermalization in the Early Universe

Wednesday, 14 December 2011 09:00 (45 minutes)

Presenter: TKACHEV, I.

Session Classification: Overview talks: Relations with other fields

Contribution ID: 9

Type: **not specified**

Nonequilibrium Dynamics of Cold Atoms

Wednesday, 14 December 2011 09:45 (20 minutes)

Presenter: GASENZER, T.

Session Classification: Overview talks: Relations with other fields

Contribution ID: **10**

Type: **not specified**

Status of factorization theorems for HI collisions

Monday, 12 December 2011 14:00 (30 minutes)

Presenter: GELIS, F.

Session Classification: Session 1: Initial conditions, saturation

Contribution ID: 11

Type: **not specified**

Glasma simulations

Monday, 12 December 2011 14:30 (30 minutes)

Presenter: FUKUSHIMA, K.

Session Classification: Session 1: Initial conditions, saturation

Contribution ID: 12

Type: **not specified**

Saturation - 'bottom-up' - hadron multiplicities at LHC

Monday, 12 December 2011 15:00 (30 minutes)

Presenter: BAIER, R.

Session Classification: Session 1: Initial conditions, saturation

Contribution ID: 13

Type: **not specified**

The initial spectrum of fluctuations in the little bang

Monday, 12 December 2011 16:30 (30 minutes)

Presenter: VENUGOPALAN, R.

Session Classification: Session 2: Instabilities, isotropization

Contribution ID: 14

Type: **not specified**

Entropy production and the Eigenstate Thermalization Hypotheses (ETH)

Tuesday, 13 December 2011 11:00 (30 minutes)

Presenter: SCHÄFER, A.

Session Classification: Session 3: Facets of thermalization

Contribution ID: 15

Type: **not specified**

Quasilinear transport approach to equilibration of quark-gluon plasmas

Tuesday, 13 December 2011 11:30 (30 minutes)

Presenter: MROWCZYNSKI, S.

Session Classification: Session 3: Facets of thermalization

Contribution ID: 16

Type: **not specified**

Towards thermalization in heavy-ion collisions: CGC meets the 2PI formalism

Tuesday, 13 December 2011 12:00 (30 minutes)

Presenter: HATTA, Y.

Session Classification: Session 3: Facets of thermalization

Contribution ID: 17

Type: **not specified**

Thermalization in Weakly Coupled Nonabelian Plasmas

Tuesday, 13 December 2011 14:00 (30 minutes)

Presenter: MOORE, G.

Session Classification: Session 4: Scaling at intermediate momenta

Contribution ID: **18**

Type: **not specified**

Evolving Glasma and Kolmogorov Spectrum

Tuesday, 13 December 2011 14:30 (30 minutes)

Presenter: FUKUSHIMA, K.

Session Classification: Session 4: Scaling at intermediate momenta

Contribution ID: 19

Type: **not specified**

The Turbulent Cascade in Different Non-Abelian Gauges

Tuesday, 13 December 2011 15:00 (30 minutes)

Presenter: STRICKLAND, M.

Session Classification: Session 4: Scaling at intermediate momenta

Contribution ID: 20

Type: **not specified**

Boltzmann equation in the small angle approximation

Tuesday, 13 December 2011 16:00 (30 minutes)

Presenter: BLAIZOT, J.-P.

Session Classification: Session 5: Bose condensation, infrared cascade

Contribution ID: 21

Type: **not specified**

tba

Monday, 12 December 2011 17:00 (30 minutes)

Presenter: STRICKLAND, M.

Session Classification: Session 2: Instabilities, isotropization

Contribution ID: 22

Type: **not specified**

tba

Monday, 12 December 2011 17:30 (30 minutes)

Presenter: MOORE, G.

Session Classification: Session 2: Instabilities, isotropization

Contribution ID: 23

Type: **not specified**

Bose-Einstein condensation in the QGP

Tuesday, 13 December 2011 16:30 (30 minutes)

Presenter: VENUGOPALAN, R.

Session Classification: Session 5: Bose condensation, infrared cascade

Contribution ID: 24

Type: **not specified**

Condensation in scalar field theory

Tuesday, 13 December 2011 17:00 (30 minutes)

Presenter: EPELBAUM, T.

Session Classification: Session 5: Bose condensation, infrared cascade

Contribution ID: 25

Type: **not specified**

Bose condensation and turbulence

Tuesday, 13 December 2011 17:30 (30 minutes)

Presenter: SIXTY, D.

Session Classification: Session 5: Bose condensation, infrared cascade