

Electromagnetic Radiation from Hot and Dense Hadronic Matter



Report of Contributions

Contribution ID: 2

Type: **not specified**

Welcome address

Monday 26 November 2018 09:00 (10 minutes)

Presenter: DAVID, Gabor (Stony Brook University)

Session Classification: Chair: Tatyana Galatyuk

Contribution ID: 3

Type: **not specified**

Theory overview

Monday 26 November 2018 09:10 (1 hour)

Presenter: GALE, Charles (McGill University)

Session Classification: Chair: Tatyana Galatyuk

Contribution ID: 4

Type: **not specified**

QGP dileptons and photons: perturbation theory meets the lattice

Monday 26 November 2018 10:10 (50 minutes)

Presenter: GHIGLIERI, Jacopo (CERN)

Session Classification: Chair: Tatyana Galatyuk

Contribution ID: 5

Type: **not specified**

Photons from a partonic transport model

Monday 26 November 2018 11:30 (30 minutes)

Presenter: GREIF, Moritz (Goethe University Frankfurt)

Session Classification: Chair: Ralf Rapp

Contribution ID: 6

Type: **not specified**

A fresh look at the radiation from the QGP

Monday 26 November 2018 14:00 (1 hour)

Presenter: CASSING, Wolfgang

Session Classification: Chair: Takao Sakaguchi

Contribution ID: 7

Type: **not specified**

Electromagnetic Probes in a Coarse-Graining Approach

Monday 26 November 2018 15:00 (1 hour)

Presenter: VAN HEES, Hendrik (Goethe University Frankfurt)

Session Classification: Chair: Takao Sakaguchi

Contribution ID: 8

Type: **not specified**

Dileptons at low transverse momentum

Monday 26 November 2018 16:30 (1 hour)

Presenter: RAPP, Ralf (Texas A&M University)

Session Classification: Chair: Jacopo Ghiglieri

Contribution ID: 9

Type: **not specified**

Virtual photon polarization and dilepton anisotropy in relativistic nucleus-nucleus collisions

Monday 26 November 2018 17:30 (30 minutes)

Presenter: SPERANZA , Enrico (Goethe University Frankfurt)

Session Classification: Chair: Jacopo Ghiglieri

Contribution ID: **10**

Type: **not specified**

ECT* Director's address

Tuesday 27 November 2018 09:00 (15 minutes)

Presenter: WAMBACH, Jochen (ECT*)

Session Classification: Chair: Johanna Stachel

Contribution ID: **11**

Type: **not specified**

Looking beyond LS4: new physics opportunities with a nearly massless collider detector

Tuesday 27 November 2018 09:15 (1 hour)

Presenter: BRAUN-MUNZINGER, Peter (BraGSI)

Session Classification: Chair: Johanna Stachel

Contribution ID: 12

Type: **not specified**

Direct photon measurement in small systems at PHENIX

Tuesday 27 November 2018 10:15 (45 minutes)

Presenter: NOVITZKY, Norbert (University Of Tsukuba)

Session Classification: Chair: Johanna Stachel

Contribution ID: 13

Type: **not specified**

Low transverse momentum dielectron production in heavy ion collisions

Tuesday 27 November 2018 11:30 (1 hour)

Presenter: RUAN, Lijuan (Brookhaven National Laboratory)

Session Classification: Chair: Harald Appelshaeuser

Contribution ID: 14

Type: **not specified**

Energy and Centrality Dependence of Direct Photon Emission

Tuesday 27 November 2018 14:00 (1 hour)

Presenter: DREES, Axel (Stony Brook University)

Session Classification: Chair: Peter Braun-Munzinger

Contribution ID: 15

Type: **not specified**

Photon spectra analysis methods session

Tuesday 27 November 2018 15:00 (1 hour)

Moderator Peter Braun-Munzinger:
introductory speakers

Presenters: AKIBA, Yasuyuki (AKIRIKEN); NOVITZKY, Norbert (University Of Tsukuba); RUAN, Lijuan (Brookhaven National Laboratory); BOCK, Friederike (CERN)

Session Classification: Chair: Peter Braun-Munzinger

Contribution ID: **16**

Type: **not specified**

Photon spectra analysis methods session cont.

Tuesday 27 November 2018 16:30 (1h 30m)

Moderator Peter Braun-Munzinger

Session Classification: Chair: Peter Braun-Munzinger

Contribution ID: 17

Type: **not specified**

Direct photons in PbPb collisions

Wednesday 28 November 2018 09:00 (1 hour)

Presenter: REYGERS, Klaus (Heidelberg University)

Session Classification: Chair: Yasuyuki Akiba

Contribution ID: **18**

Type: **not specified**

Direct photons in small systems

Wednesday 28 November 2018 10:00 (30 minutes)

Presenter: BOCK, Friederike (CERN)

Session Classification: Chair: Yasuyuki Akiba

Contribution ID: **19**

Type: **not specified**

Technical issues in direct photon analysis

Wednesday 28 November 2018 11:00 (1 hour)

Presenter: REYGERS, Klaus (Heidelberg University)

Session Classification: Chair: Gianluca Usai

Contribution ID: 20

Type: **not specified**

Direct photon νn in PHENIX

Wednesday 28 November 2018 12:00 (30 minutes)

Presenter: FAN, Wenqing (Stony Brook University)

Session Classification: Chair: Gianluca Usai

Contribution ID: **21**

Type: **not specified**

ALICE dielectron analysis in 13 TeV pp collisions

Thursday 29 November 2018 09:00 (30 minutes)

Presenter: JUNG, Jerome (Goethe University Frankfurt)

Session Classification: Chair: Wolfgang Cassing

Contribution ID: 22

Type: **not specified**

Study of direct photon production at increasing energies of heavy ion collisions

Thursday 29 November 2018 09:30 (30 minutes)

Presenter: DASGUPTA, Pingal (Variable Energy Cyclotron Centre)

Session Classification: Chair: Wolfgang Cassing

Contribution ID: 23

Type: **not specified**

Thermal rates from the hadron gas and emission from the late dilute stages

Thursday 29 November 2018 10:00 (30 minutes)

Presenter: SCHÄFER, Anna (FIAS, Goethe-University Frankfurt)

Session Classification: Chair: Wolfgang Cassing

Contribution ID: 24

Type: **not specified**

ALICE ddielectrons results in pp and PbPb collisions

Thursday 29 November 2018 11:00 (1 hour)

Presenter: APPELSHAUSER, Harald (Goethe University)

Session Classification: Chair: Hannah Elfner

Contribution ID: 25

Type: **not specified**

In-medium spectral functions and dilepton rates with the Functional Renormalization Group

Thursday 29 November 2018 12:00 (30 minutes)

Presenter: TRIPOLT, Ralf-Arno (University of Frankfurt)

Session Classification: Chair: Hannah Elfner

Contribution ID: 26

Type: **not specified**

Dilepton production and resonance properties within a new hadronic transport approach

Thursday 29 November 2018 14:00 (30 minutes)

Presenter: STAUDENMAIER, Jan (Goethe University Frankfurt (FIAS))

Session Classification: Chair: Hans Joachim Specht

Contribution ID: 27

Type: **not specified**

Photons in unstable quark-gluon plasma

Thursday 29 November 2018 14:30 (30 minutes)

Presenter: HAUKSSON, Sigtryggur (McGill University)

Session Classification: Chair: Hans Joachim Specht

Contribution ID: 28

Type: **not specified**

Filled and missing pieces in direct photon measurements in heavy ion collisions

Thursday 29 November 2018 15:00 (1 hour)

Presenter: SAKAGUCHI, Takao (Brookhaven National Laboratory)

Session Classification: Chair: Hans Joachim Specht

Contribution ID: 29

Type: **not specified**

Thermal photon emission at RHIC beam energy scan energies

Friday 30 November 2018 09:00 (1 hour)

Presenter: SHEN, Chun (Wayne State University)

Session Classification: Chair: Lijuan Ruan

Contribution ID: 31

Type: **not specified**

Multi-differential analysis of dileptons in Au+Au at 1.23A GeV

Friday 30 November 2018 10:00 (1 hour)

Presenter: HARABASZ, Szymon (TU Darmstadt)

Session Classification: Chair: Lijuan Ruan

Contribution ID: **32**

Type: **not specified**

Dielectron Measurements in Beam Energy Scan Phase 2

Friday 30 November 2018 11:30 (1 hour)

Presenter: GEURTS, Frank (Rice University)

Session Classification: Chair: Norbert Novitzky

Contribution ID: 33

Type: **not specified**

NA60+ at the CERN SPS: probing the QCD phase diagram at high μ_B with thermal dileptons and charm measurements

Friday 30 November 2018 14:00 (1 hour)

Presenter: USAI, Gianluca (University of Cagliari)

Session Classification: Chair: Axel Drees

Contribution ID: **34**

Type: **not specified**

Discussion

Friday 30 November 2018 15:00 (2h 50m)

Moderator Axel Drees

Presenter: DREES, Moderator Axel (Stony Brook University)

Session Classification: Chair: Axel Drees

Contribution ID: **36**

Type: **not specified**

Adjurn

Friday 30 November 2018 17:50 (10 minutes)

Presenter: GALE, Charles (McGill University)

Session Classification: Chair: Axel Drees

Contribution ID: 37

Type: **not specified**

HADES results on emissivity of QCD matter at SIS18

Monday 26 November 2018 12:00 (30 minutes)

Presenter: GALATYUK, Tetyana (TU Darmstadt / GSI)

Session Classification: Chair: Ralf Rapp