

Monday, November 26, 2018

Chair: Tetyana Galatyuk

09:00 - 09:10 Welcome address, Gabor David, Stony Brook University

09:10 - 10:10 Charles Gale, McGill University

"Theory overview"

10:10 - 11:00 Jacopo Ghiglieri, CERN

"QGP dileptons and photons:
perturbation theory meets the lattice"

11:00 - 11:30 coffee break

Chair: Ralf Rapp

11:30 - 12:00 Moritz Greif, Goethe University, Frankfurt

"Photons from a partonic transport model"

11:00 - 12:30 Tetyana Galatyuk, TU Darmstadt / GSI

"HADES results on emissivity of QCD matter at SIS18"

12:30 - 14:00 Impromptu discussions, lunch break

Chair: Takao Sakaguchi

14:00 - 15:00 Wolfgang Cassing, ITP University Giessen

"A fresh look at the radiation from the QGP"

15:00 - 16:00 Hendrik van Hees, Goethe University Frankfurt

"Electromagnetic Probes in a Coarse-Graining Approach"

16:00 - 16:30 coffee break

Chair: Jacopo Ghiglieri

16:30 - 17:30 Ralf Rapp, Texas A&M University

"Dileptons at low transverse momentum"

17:30 - 18:00 Enrico Speranza, Goethe University Frankfurt

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

Tuesday, Nov 27, 2018

Chair: Johanna Stachel

09:00 - 09:15 Jochen Wambach

"Director's address"

09:15 - 10:15 Peter Braun-Munzinger, GSI

"Very low pT photons and dileptons: revival of an old
frontier"

10:15 - 11:00 Norbert Novitzky, University of Tsukuba

"Direct photon measurement in small systems at PHENIX"

11:00 - 11:30 coffee break

Chair: Harald Appelshaeuser

11:30 - 12:30 Lijuan Ruan, BNL

"Low transverse momentum dielectron production in heavy ion collisions"

12:30 - 14:00 Impromptu discussions, lunch break

Chair: Peter Braun-Munzinger

14:00 - 15:00 Axel Drees, Stony Brook University

"Energy and Centrality Dependence of Direct Photon Emission"

15:00 - 16:00 Photon spectra analysis methods session

(moderator Peter Braun-Munzinger)

introductory speakers:

Yasuyuki Akiba, Riken / Norbert Novitzky, Tsukuba (PHENIX)

Lijuan Ruan, BNL (STAR)

Friederike Bock / Klaus Reygers (ALICE)

16:00 - 16:30 coffee break

Chair: Peter Braun-Munzinger

16:30 - 18:00 Photon spectra analysis methods session cont.

(moderator Peter Braun-Munzinger)

Wednesday, Nov. 28, 2018

Chair: Yasuyuki Akiba

09:00 - 10:00 Klaus Reygers, Heidelberg University

"Direct photons in PbPb collisions"

10:00 - 10:30 Friederike Bock, CERN

"Direct photons in small systems"

10:30 - 11:00 coffee break

Chair: Gianluca Usai

11:00 - 12:00 Klaus Reygers / Friederike Bock

"Technical issues in direct photon analysis"

12:00 - 12:30 Wenqing Fan, Stony Brook University

"Direct photon vn in PHENIX"

12:30 - 14:00 Impromptu discussions, lunch break

Chair: Gabor David

14:00 - 16:00 "puzzle" discussion

(moderator Gabor David)

16:00 - 16:30 coffee break

Chair: Gabor David
16:00 - 18:00 "puzzle" discussion
(moderator Gabor David)

Thursday, Nov. 29, 2018

Chair: Wolfgang Cassing
09:00 - 09:30 Jerome Jung, Goethe University Frankfurt
"ALICE dielectron analysis in 13 TeV pp collisions"
09:30 - 10:00 Pingal Dasgupta, VECC, Kolkata
"Study of direct photon production at increasing
energies of heavy ion collisions"
10:00 - 10:30 Anna Schaefer, Goethe University, Frankfurt
"Thermal rates from the hadron gas and emission from
the late dilute stages"

10:30 - 11:00 coffee break

Chair: Hannah Elfner
11:00 - 12:00 Harald Appelshaeuser
"ALICE dielectrons results in pp and PbPb collisions"
12:00 - 12:30 Ralf-Arno Tripolt, University of Frankfurt
"In-medium spectral functions and dilepton rates with
the Functional Renormalization Group"

12:30 - 14:00 Impromptu discussions, lunch break

Chair: Hans Joachim Specht
14:00 - 14:30 Jan Staudenmaier, Goethe University Frankfurt
"Dilepton production and resonance properties within a
new hadronic transport approach"
14:30 - 15:00 Sigtryggur Hauksson, McGill University
"Photons in unstable quark-gluon plasma"

15:00 - 16:00 Takao Sakaguchi, BNL
Seminar, title TBD

16:00 - 16:30 coffee break

Chair: Charles Gale
16:00 - 18:00 discussion and / or further student talks
(moderator Charles Gale)

Friday, Nov. 30, 2018

Chair: Lijuan Ruan
09:00 - 10:00 Chun Shen, Wayne State University
"Thermal photon emission at RHIC beam energy scan
energies"

10:00 - 11:00 Szymon Harabasz, TU Darmstadt / GSI
"Multi-differential analysis of dileptons in Au+Au at
1.23A GeV"

11:00 - 11:30 coffee break

Chair: Norbert Novitzky

11:30 - 12:30 Frank Geurts, Rice University
"Dielectron Measurements in Beam Energy Scan Phase 2"

12:30 - 14:00 Impromptu discussions, lunch break

Chair: Axel Drees

14:00 - 15:00 Gianluca Usai, University Cagliari
"NA60+ at the CERN SPS: probing the QCD phase diagram
at high μ_B with thermal dileptons and charm
measurements"

15:00 - 16:00 Discussion
(moderator Axel Drees)

16:00 - 16:30 coffee break

Chair: Axel Drees

16:30 - 17:50 Discussion
(moderator Axel Drees)

17:50 - 18:00 Adjourn, Charles Gale, McGill University