

**RTG 2522 Mini-Workshop
"Modern Aspects of Quantum
Field Theory" II**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Matter in the extreme – form colliders to neutron stars

Wednesday, 29 January 2020 14:00 (1h 15m)

Presenter: KURKELA, Alexi (CERN/Stavanger U)

Contribution ID: 2

Type: **not specified**

SU(3) and SU(4) Polyakov linear-sigma model calculations in mean-field approximation and optimized perturbation theory at vanishing and finite temperature, density, magnetic field and isospin asymmetry

Presenter: TAWFIK, Abdel Nasser (Nile U./FIAS Frankfurt)

Contribution ID: 3

Type: **not specified**

Fundamental properties of Gravity

Wednesday, 29 January 2020 16:15 (1h 15m)

Presenter: HEISENBERG, Lavinia (ETH Zurich)

Contribution ID: 4

Type: **not specified**

Non-real actions and the QCD sign problem

Thursday, 30 January 2020 12:00 (1h 15m)

Presenter: SIXTY, Dénes (Wuppertal U)

Contribution ID: 5

Type: **not specified**

Quantum Field Theory in Curious Backgrounds

Presenter: GARBRECHT, Björn (LMU München)

Contribution ID: 6

Type: **not specified**

The bootstrap approach to field theory

Presenter: LIENDO, Petro (DESY Hamburg)

Contribution ID: 7

Type: **not specified**

Dense matter in the QCD phase diagram and in neutron stars

Presenter: SCHMITT, Andreas (Southampton U)

Contribution ID: 8

Type: **not specified**

Quantum Space Time Engineering

Presenter: DITTRICH, Bianca (Perimeter Institute, Waterloo)

Contribution ID: 9

Type: **not specified**

Gravity, QUANTUM FIELDS and Information

Presenter: HELLER, Michal P. (AEI Potsdam)