

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

Report of Contributions

Contribution ID: 1

Type: **not specified**

Experimental Quantum Cosmology: Probing Analogue Trans-Planckian Physics in Dipolar Bose-Einstein Condensates

Tuesday, 21 January 2020 10:15 (1h 15m)

Presenter: FISCHER, Uwe R. (Seoul National University)

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

Tuesday, 21 January 2020 14:00 (1h 15m)

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

Contribution ID: 3

Type: **not specified**

Experimental Quantum Cosmology: Probing Analogue Trans-Planckian Physics in Dipolar Bose-Einstein Condensates

Presenter: FISCHER, Uwe R. (Seoul National University)

Contribution ID: 4

Type: **not specified**

Quantum fields, quantum information and fluids

Wednesday, 22 January 2020 08:00 (1h 15m)

Presenter: FLÖRCHINGER, Stefan (Heidelberg U)

Contribution ID: 5

Type: **not specified**

Quantum Field Theory in Curious Backgrounds

Wednesday, 22 January 2020 10:15 (1h 15m)

Presenter: GARBRECHT, Björn (LMU München)

Contribution ID: 6

Type: **not specified**

The bootstrap approach to field theory

Wednesday, 22 January 2020 14:00 (1h 15m)

Presenter: LIENDO, Petro (DESY Hamburg)

Contribution ID: 7

Type: **not specified**

Dense matter in the QCD phase diagram and in neutron stars

Thursday, 23 January 2020 08:00 (1h 15m)

Presenter: SCHMITT, Andreas (Southampton U)

Contribution ID: 8

Type: **not specified**

Quantum Space Time Engineering

Thursday, 23 January 2020 10:15 (1h 15m)

Presenter: DITTRICH, Bianca (Perimeter Institute, Waterloo)

Contribution ID: 9

Type: **not specified**

Gravity, QUANTUM FIELDS and Information

Thursday, 23 January 2020 14:00 (1h 15m)

Presenter: HELLER, Michal P. (AEI Potsdam)