

Asymptotic Safety Meets Particle Physics

Report of Contributions

Contribution ID: 5

Type: **not specified**

Welcome

Tuesday 15 December 2020 09:45 (15 minutes)

Presenters: HILLER; LITIM

Contribution ID: 6

Type: **not specified**

On Unitarity in Gravitational Scattering

Tuesday 15 December 2020 10:00 (40 minutes)

Presenter: SACHS

Contribution ID: 7

Type: **not specified**

Quantum Gravity in the Background Field Approximation

Tuesday 15 December 2020 10:40 (40 minutes)

Presenter: KLUTH

Contribution ID: 8

Type: **not specified**

Quantum Gravity: a fluctuating point of view

Tuesday 15 December 2020 11:50 (40 minutes)

Presenter: REICHERT

Contribution ID: 9

Type: **not specified**

Models of vector-like fermions with Higgs and Flavor portals

Tuesday 15 December 2020 14:30 (40 minutes)

Presenter: HORMIGOS-FELIU

Contribution ID: **10**

Type: **not specified**

Colorful BSM with Asymptotic Safety

Tuesday 15 December 2020 15:10 (40 minutes)

Presenter: HÖHNE

Contribution ID: 11

Type: **not specified**

Two Loop Beta Function for Complex Scalar Electroweak Multiplets

Tuesday 15 December 2020 16:20 (40 minutes)

Presenter: POLONSKY

Contribution ID: 12

Type: **not specified**

Natural mass hierarchies near fermionic quantum phase transitions

Wednesday 16 December 2020 11:50 (40 minutes)

Presenter: SCHERER

Contribution ID: 13

Type: **not specified**

Asymptotic safety of fermionic field theories

Wednesday 16 December 2020 10:40 (40 minutes)

Presenter: CRESSWELL-HOGG

Contribution ID: 14

Type: **not specified**

Classifying Gauge-Yukawa Theories on the Edge between Freedom and Safety

Wednesday 16 December 2020 10:00 (40 minutes)

Presenter: STEUDTNER

Contribution ID: 15

Type: **not specified**

Scalaron-Higgs inflation - a unified model of cosmology, particle physics and dark matter

Wednesday 16 December 2020 14:30 (40 minutes)

Presenter: STEINWACHS

Contribution ID: **16**

Type: **not specified**

Fixed points of quantum gravity with large N matter

Wednesday 16 December 2020 15:10 (40 minutes)

Presenter: MEDINA-VAZQUEZ

Contribution ID: 17

Type: **not specified**

Asymptotic safety of particle physics

Wednesday 16 December 2020 16:15 (45 minutes)

Presenter: LITIM

Contribution ID: **18**

Type: **not specified**

The IR fixed point of QED3

Thursday 17 December 2020 14:00 (40 minutes)

Presenter: STAMOU

Contribution ID: **19**

Type: **not specified**

Multi-lepton signatures of vector-like leptons with flavor

Thursday 17 December 2020 14:40 (40 minutes)

Presenter: BISSMANN

Contribution ID: 20

Type: **not specified**

Reinterpreting Collider Searches for Large Extra Dimensions in Asymptotically Safe Gravity

Thursday 17 December 2020 15:20 (40 minutes)

Presenter: ZENGLEIN