

Asymptotic Safety meets Particle Physics & Friends

Report of Contributions

Contribution ID: 1

Type: **not specified**

Essential Quantum Einstein Gravity

Presenter: FALLS, Kevin

Session Classification: AS Gravity

Contribution ID: 2

Type: **not specified**

TBA

Presenter: KLUTH, Yannick (University of Sussex)

Session Classification: AS Gravity

Contribution ID: 3

Type: **not specified**

Graviton spectral function

Presenter: REICHERT, Manuel

Session Classification: AS Gravity

Contribution ID: 4

Type: **not specified**

Emergent gauge fields in (2+1)D quantum critical systems

Presenter: JANSSEN, Lukas (TU Dresden)

Session Classification: Critical Phenomena & Fixed points

Contribution ID: 5

Type: **not specified**

Gauge-Yukawa theories with 4-Fermi operators in 4d

Presenter: CRESSWELL-HOGG, Charlie (University of Sussex)

Session Classification: Critical Phenomena & Fixed points

Contribution ID: 6

Type: **not specified**

Mergers in gauge-Yukawa at 432

Presenter: RIYAZ, Nahzaan (University of Edinburgh)

Session Classification: Critical Phenomena & Fixed points

Contribution ID: 7

Type: **not specified**

Towards general 3-loop RGEs

Thursday 16 December 2021 14:00 (40 minutes)

Presenter: STEUDTNER, Tom

Session Classification: Loops and RGEs

Contribution ID: 8

Type: **not specified**

Ambiguities and Divergences in RG Functions

Thursday 16 December 2021 14:40 (40 minutes)

Presenter: THOMSEN, Anders Eller (Universität Bern)

Session Classification: Loops and RGEs

Contribution ID: 9

Type: **not specified**

4-3-2-Loop Beta-Functions

Thursday 16 December 2021 15:40 (40 minutes)

Presenter: HERREN, Florian (Fermilab)

Session Classification: Loops and RGEs

Contribution ID: **10**

Type: **not specified**

Planck safe Z'

Friday 17 December 2021 10:40 (40 minutes)

Presenter: STEUDTNER, Tom

Session Classification: BSM & Searches

Contribution ID: **11**

Type: **not specified**

SM backgrounds for VLLs

Friday 17 December 2021 11:20 (40 minutes)

Presenter: LINDERT, Jonas (University of Sussex)

Session Classification: BSM & Searches

Contribution ID: 12

Type: **not specified**

Multi-lepton signatures of vector-like leptons with flavor

Friday 17 December 2021 14:00 (40 minutes)

Presenter: BISSMANN, Stefan

Session Classification: BSM & Searches

Contribution ID: **13**

Type: **not specified**

BSM vector-like Quarks

Friday 17 December 2021 15:30 (30 minutes)

Presenter: HÖHNE, Tim (TU Dortmund)

Session Classification: BSM & Searches

Contribution ID: 14

Type: **not specified**

Searches for VLQs at the LHC

Friday 17 December 2021 16:00 (20 minutes)

Presenter: ERDMANN, Johannes

Session Classification: BSM & Searches

Contribution ID: 15

Type: **not specified**

Discussion VLLs

Friday 17 December 2021 14:40 (35 minutes)

Presenter: DE SANTO, Antonella (University of Sussex (GB))

Session Classification: BSM & Searches

Contribution ID: 16

Type: **not specified**

Essential Quantum Einstein Gravity

Thursday 16 December 2021 10:00 (40 minutes)

Presenter: FALLS, Kevin

Session Classification: AS Gravity

Contribution ID: 17

Type: **not specified**

Higher Order Curvature Invariants in Quantum Gravity

Thursday 16 December 2021 10:40 (40 minutes)

Presenter: KLUTH, Yannick (University of Sussex)

Session Classification: AS Gravity

Contribution ID: **18**

Type: **not specified**

Graviton spectral function

Thursday 16 December 2021 11:20 (40 minutes)

Presenter: REICHERT, Manuel

Session Classification: AS Gravity

Contribution ID: 19

Type: **not specified**

Emergent gauge fields in (2+1)D quantum critical systems

Wednesday 15 December 2021 14:00 (40 minutes)

Presenter: JANSSEN, Lukas (TU Dresden)

Session Classification: Critical Phenomena & Fixed points

Contribution ID: 20

Type: **not specified**

Gauge-Yukawa theories with 4-Fermi operators in 4d

Wednesday 15 December 2021 14:40 (40 minutes)

Presenter: CRESSWELL-HOGG, Charlie (University of Sussex)

Session Classification: Critical Phenomena & Fixed points

Contribution ID: 21

Type: **not specified**

Mergers in gauge-Yukawa at 432

Wednesday 15 December 2021 15:40 (40 minutes)

Presenter: RIYAZ, Nahzaan (University of Sussex)

Session Classification: Critical Phenomena & Fixed points