

Session Program

18-21 Dec 2023

Asymptotic Safety meets Particle Physics & Friends

BSM

DESY Hamburg, FLASH experimental hall "Albert Einstein"

Wednesday 20 December

09:30

BSM

Session | Location: DESY Hamburg, FLASH experimental hall "Albert Einstein" | Convener: Gudrun Hiller

09:30–10:15 Gravitational waves from cosmological phase transitions

Speaker
Thomas Konstandin

10:15–10:45
Naturally small neutrino mass with asymptotic safety and gravitational-wave signatures

Speaker
Abhishek Chikkaballi

10:45–11:15 Coffee break

11:15–12:00 The LCDM desert and populating dark sectors after BBN

Speaker
Martin Schmaltz

12:00–12:30 Discussion

12:30

Thursday 21 December

09:30

BSM

Session | **Location:** DESY Hamburg, FLASH experimental hall "Albert Einstein" | **Convener:** Tom Steudtner

09:30–10:15

Exploring the scalar potential at the LHC and beyond

Speaker

Gudrid Moortgat-Pick

10:15–10:45

Probing the Higgs portal into vacuum stability

Speaker

Tim Höhne

10:45–11:15

Coffee break

11:15–12:00

Beyond the WIMP

Speaker

Juri Smirnov

12:00–12:30

Discussion and Goodbye

12:30