

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 Λ CDM 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