

Session Program

15-17 Dec 2021

**Asymptotic Safety meets Particle Physics &
Friends**

Critical Phenomena & Fixed points

Wednesday 15 December

14:00

Critical Phenomena & Fixed points: Critical Phenomena & Fixed points

Session | **Location:** Remote or at TU Dortmund | **Convener:** Emmanuel Stamou

14:00–14:40 **Emergent gauge fields in (2+1)D quantum critical systems**

Speaker
Lukas Janssen

14:40–15:20 **Gauge-Yukawa theories with 4-Fermi operators in 4d**

Speaker
Charlie Cresswell-Hogg

15:20–15:40 **Coffe Break**

15:40–16:20 **Mergers in gauge-Yukawa at 432**

Speaker
Nahzaan Riyaz

16:20–17:00 **Discussion**

17:00