

**Session Program**

21-25 Apr 2025

**Portorož 2025: Particle Physics from Early  
Universe to Future Colliders**

***BSM***

# Thursday 24 April

14:30

## BSM

### Session

14:30–14:52 **"Extreme energy cosmic rays: where do they all come from?"**

**Speaker**

Zurab Berezhiani

14:52–15:14

**Gravothermalizing into primordial black holes, boson stars, and cannibal stars**

**Speaker**

Takeshi Kobayashi

15:14–15:36 **Q-balls perturbations in details**

**Speaker**

Dr Aleksandr Azatov

15:36

16:10

## BSM

### Session

16:10–16:32 **Open String Axiverse**

**Speaker**

Rudin Petrossian-Byrne

16:32–16:54 **Topological structures and inflationary cosmology**

**Speaker**

Qaisar Shafi

16:54–17:16 **Searching for New Physics with Plasma Wakefield Colliders**

**Speaker**

Toby Opferkuch

17:16