

Session Program

9-13 Dec 2024

**International Joint Workshop on the Standard
Model and Beyond 2024 & 3rd Gordon
Godfrey Workshop on Astroparticle Physics**

Early Universe

Tuesday 10 December

14:00

Early Universe

Session | **Location:** Ainsworth Building, 202 | **Convener:** Seyda Ipek

14:00–14:30

Implications of a new $SU(2)$ flavour group in early-universe phase transitions

Speaker

Prof. Alan Stanley Cornell

14:30–14:50

Revisiting the phase transition of the flaton potential

Speaker

Tomasz Dutka

14:50–15:10

Early Universe phase transitions in a Scale Invariant Standard Model

Speaker

Joshua Cesca

15:10–15:30

Affleck-Dine Dirac Leptogenesis

Speaker

Neil Barrie

15:30–15:50

Leptogenesis in the Zee Model

Speaker

Adam Lackner

15:50