

Session Program

27 June 2022 to 2 July 2022



The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)

Gravity and Supergravity

University of Ioannina (GR), Conference Centre "Karolos Papoulias"

Wednesday 29 June

16:00

Gravity and Supergravity

Session | **Location:** Conference Centre "Karolos Papoulias", Room on ground floor | **Convener:** Herve Partouche

16:00–16:20 **Ising Universe**

Speaker

Mr Antonios Kalogirou

16:20–16:40 **New Methods for Old Problems: Vacua of Supergravity Theories**

Speaker

Dario Partipilo

16:40–17:00

Curvature invariants for accelerating, rotating and charged black holes in (anti-)de Sitter spacetime

Speaker

Georgios Kraniotis

17:00–17:20 **De Sitter vacua in gauged Supergravity and the Swampland**

Speaker

Matteo Moritsu

17:20–17:40

Dynamically induced Planck scale and inflation in Palatini quadratic gravity

Speaker

Dr Ioannis Gialamas

17:40