

Session Program

16-19 Jun 2025

**HEP 2021 - 38th Conference on Recent
Developments in High Energy Physics and
Cosmology, Thessaloniki, Greece**

Parallel

Tuesday 17 June

17:55

Parallel: Theory I

Session | **Conveners:** Vasilis Oikonomou, Constantinos Pallis

17:55–18:15 **Effective Action for Scalar Leptoquarks**

Speaker

Kostas Mantzaropoulos

18:15–18:35

Cosmological implications of EW vacuum instability: constraints on the Higgs-curvature coupling from inflation

Speaker

Andreas Mantziris

18:35–18:55

Autonomous dynamical system of Einstein-Gauss- Bonnet cosmologies

Speaker

Nikolaos Chatzarakis

18:55–19:15

Rescaled Einstein Hilbert Gravity: Inflation and the Swampland Criteria

Speaker

Achilles Gitsis

19:15–19:35

Primordial Black Holes And Gravitational Waves Based On No Scale Supergravity

Speaker

Ioanna Stamou

19:35–19:55

Scale-invariance, dynamically induced Planck scale and inflation in the Palatini formulation

Speaker

Ioannis Gialamas

19:55–20:15

Quantum fluctuations of baryon number density

Speaker

Rajeev Singh

20:15–20:35

Progress on Feynman Integrals for $2 \rightarrow 3$ scattering at NNLO

Speaker

Nikolaos Syrrakos

20:35–20:55

Progress on 2-loop Amplitude Reduction

Speaker

Dhimiter Canko

20:55–21:15

One-Loop Phenomenology in the SM EFT

21:55

Speaker

Lampros Trifyllis