

Session Program

16-19 Jun 2025

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

Experiment I

Monday 16 June

17:55

Experiment I: Experiment I

Session | **Conveners:** Dimos Sampsonidis, Aristoteles Kyriakis

17:55–18:15

Development of processors for triggering high energy physics experiments

Speaker

Ioannis Bestintzanos

18:15–18:35

Hermes - A robust, low latency, optical link protocol for synchronous data transfer at commercial asynchronous line rates

Speaker

Kosmas Adamidis

18:35–18:55

NEWS-G: Search for Light Dark Matter with a Spherical Proportional Counter

Speaker

Patrick Ryan Knights

18:55–19:15

Characterisation and fiducialisation capabilities of an ACHINOS multi-anode sensor for NEWS-G

Speaker

Georgios Savvidis

19:15–19:35

Search for physics beyond the standard model in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV

Speakers

Ioanna Papavergou, Manos Vourliotis

19:35–19:55

Measurement of the double differential dijet mass cross section at 13 TeV with CMS

Speaker

Polidamas Georgios Kosmoglou Kioseoglou

19:55–20:15

Measurement of azimuthal correlations of jets and determination of the strong coupling in pp collisions at 13 TeV with CMS

Speaker

Paris Gianneios

20:15–20:35

Search for Supersymmetry in single-lepton events with the full RunII data from the CMS experiment

Speaker

Pantelis Kontaxakis

20:35–20:55

Search for charged lepton flavour violation in top quark decays**Speaker**

Alexios Stampekis

20:55–21:15

Process quality control of silicon sensors for the Phase-2 upgrade of the CMS Outer Tracker**Speaker**

Panagiotis Assiouras

21:15–21:35

Design of a Differential Safety Mechanism (DSM) Dedicated to the NSW Micromegas Wedges**Speakers**

Ioannis Mesolongitis, Stavros Maltezos

21:55