

Session Program

25 April 2026

PIKIMO 20

Morning Contributed Talks

Saturday 25 April

09:00

Morning Contributed Talks

Session | **Location:** McKenna Hall 54756 N Notre Dame Ave, Notre Dame, IN 46556 | **Convener:** Dr Seth Koren

09:00–09:15

Determination of the strong coupling constant from the new CTEQ-TEA global QCD analysis

Speaker

Kirtimaan Ajaykant Mohan

09:15–09:30

Higgs decays to four leptons to $\mathcal{O}(1/\Lambda^4)$ in SMEFT

Speaker

Mario Flores-Hernández

09:30–09:45

Constraining Exotic Baryon Decays Through Energy Loss Limits in Pulsar Binary Timing

Speaker

Stanford Broadwater

09:45–10:00

Hunting for New Physics with Tau Decays

Speaker

Sohini Pal

10:00

11:30

Morning Contributed Talks

Session | **Location:** McKenna Hall 54756 N Notre Dame Ave, Notre Dame, IN 46556 | **Convener:** Dr Fengwei Yang

11:30–11:45

Computing bubble wall velocity from entropy

Speaker

Isaac Wang

11:45–12:00

Constraining Dark First-Order Phase Transitions with CMB and Structure Formation Observations

Speaker

Daven Wei Ren Ho

12:00–12:15

Stochastic gravitational wave from cosmic string with non-standard cosmology

Speaker

Taegyu Lee

12:15–12:30

Spectator Composes a Gravitational Canon

Speaker

Yunjia Bao

12:30–12:45

Dissipative inflation in the CMB

12:45

Speaker

Santiago Agui Salcedo