

Session Program

29 September 2025 to 3 October 2025

15th International Conference on Hypernuclear and Strange Particle Physics (HYP2025)

Parallel 3a1C

Tokyo, Koshiba-Hall
Hongo-Campus, The University of Tokyo, Tokyo, Japan

Friday 3 October

09:00

Parallel 3a1C: Astro

Session | Location: Room 207 | Convener: Isaac Vidana

09:00–09:25

Hyperon mixing in astrophysical environments from the variational method with bare baryon interactions

Speaker

Hajime Togashi

09:25–09:40

Baryon-quark mixed matter and neutron star EOS

Speaker

Yasuo Yamamoto

09:40–09:55

Response of kaon condensation to neutron-star oscillations and implications for gravitational wave signals

Speaker

Takumi Muto

09:55–10:20

Impact of hyperons on neutron star mergers

Speaker

Hristijan Kochankovski

10:20–10:35

Investigating double-hyperon systems: Insights into Λ - Λ and Σ^+ - Σ^+ interactions and neutron star cores

Speaker

Gandharva Appagere

10:35