



# Scalars 2025: Higgs bosons and cosmology

Wednesday, September 24, 2025

**Parallel 1 - 1.40 (2:00 PM - 4:00 PM)**

**-Conveners: Nicolás Bernal**

| time    | [id] title  | presenter              |
|---------|---|------------------------|
| 2:00 PM | [3] Indications for New Higgs Bosons in Associated Di-Photon Production   | BANIK, Sumit           |
| 2:15 PM | [1] General CP-violating 2HDM in light of the excesses in di-photon searches at the LHC                         | COLORETTI, Guglielmo   |
| 2:30 PM | [44] Deciphering the CP nature of the 95 GeV Higgs boson  | SANYAL, Prasenjit      |
| 2:45 PM | [7] Phenomenological Study of the Nambu–Jona-Lasinio Composite Model at the LHC and HL-LHC                      | AJMAL, Sehar           |
| 3:00 PM | [40] Probing Co-Scattering of scalar dark matter in an EFT framework with monophoton searches                   | Dr ROY, Abhishek       |
| 3:15 PM | [41] Searches for light exotic scalars at the e+e- Higgs factory.   | BRUDNOWSKI, Bartłomiej |
| 3:30 PM | [21] Enhancing prospects of sub-GeV majoron at intensity frontier experiments through flavor-changing processes | JODLOWSKI, Krzysztof   |
| 3:45 PM | [12] Clockwork Axions at Hadron Colliders   | MAHARANA, Suvam        |