

ALPS2023 -- Anomalies in Particle Physics

Monday, March 27, 2023

Keynotes (8:30 AM - 10:00 AM)

| time | [id] title | presenter |
|---------|---|--|
| 8:30 AM | [67] Status of flavour anomalies from LHCb (20+10) | DE SIMONE, Patrizia DE SIMONE, Patrizia |
| 9:00 AM | [68] LFU and semileptonic B decays at Belle (20+10) | SANTELJ, Luka |
| 9:30 AM | [69] $b \rightarrow sll$ transitions (20+10) | CAPDEVILA, Bernat |

Keynotes (10:30 AM - 12:00 PM)

| time | [id] title | presenter |
|----------|--|------------------------|
| 10:30 AM | [70] Recent semileptonic results from Belle II (20+10) | LYU, Chaoyi |
| 11:00 AM | [71] Latest flavour physics results from CMS/ATLAS (20+10) | Prof. BEHERA, Prafulla |
| 11:30 AM | [73] New Physics in $b \rightarrow sll$ and $b \rightarrow c\tau\nu$ (20+10) | IGURO, Syuhei |

Keynotes (7:15 PM - 8:00 PM)

| time | [id] title | presenter |
|---------|--------------------------------------|--------------------|
| 7:15 PM | [80] tau physics at Belle II (20+10) | RAD, Navid Khandan |

Tuesday, March 28, 2023

Keynotes (8:30 AM - 10:30 AM)

| time | [id] title | presenter |
|---------|--|---------------------|
| 8:30 AM | [54] Status and prospects of the Muon g-2 experiment at FNAL (20+10) | LUSIANI, Alberto |
| 9:00 AM | [79] g-2 and new physics (30+15) | STOCKINGER, Dominik |
| 9:45 AM | [81] The Cabibbo angle anomaly and EW fits (30+15) | HOFERICHTER, Martin |

Keynotes (6:15 PM - 6:45 PM)

| time | [id] title | presenter |
|---------|--|------------------|
| 6:15 PM | [39] QCD contributions to the muon anomalous magnetic moment (20+10) | EICHMANN, Gernot |

Wednesday, March 29, 2023

Keynotes (8:30 AM - 10:00 AM)

| time | [id] title | presenter |
|---------|--|-----------------------|
| 8:30 AM | [83] Overview and LHC searches for New Physics (30+15) | LANDSBERG, Greg |
| 9:15 AM | [84] Overview of LHC anomalies (30+15) | MELLADO GARCIA, Bruce |

Keynotes: Automated One-Loop Matching of BSM Models (11:00 AM - 11:30 AM)

-Conveners: Javier Fuentes-Martin

| time | [id] title | presenter |
|----------|---|------------------------|
| 11:00 AM | [109] Automated One-Loop Matching of BSM Models | FUENTES-MARTIN, Javier |

Thursday, March 30, 2023

Keynotes (8:30 AM - 10:00 AM)

| time | [id] title | presenter |
|---------|---|------------------|
| 8:30 AM | [97] Towards Constraining Dark Sectors with 21-cm Cosmology (20+10) | VOLANSKY, Tomer |
| 9:00 AM | [95] Anomalies in short-baseline neutrino experiments (20+10) | Dr COLOMA, Pilar |
| 9:30 AM | [96] Tensions between terrestrial and cosmological neutrino mass determinations (20+10) | SCHWETZ, Thomas |

Keynotes (10:30 AM - 12:00 PM)

| time | [id] title | presenter |
|----------|---|---|
| 10:30 AM | [93] 21cm and the radio background excess (20+10) | RUDERMAN, Joshua RUDERMAN, Joshua Thomas |
| 11:00 AM | [49] New constraints on the dark matter-neutrino and the dark matter-photon scattering cross-sections (20+10) | IBARRA, Alejandro |
| 11:30 AM | [98] Small-scale tensions and self-interacting dark matter | KAHLHOEFER, Felix |

Keynotes (7:30 PM - 8:00 PM)

| time | [id] title | presenter |
|---------|---|--|
| 7:30 PM | [108] $B_{d,s} \rightarrow \mu^+ \mu^- \gamma$ phenomenology overview | GUADAGNOLI, Diego GUADAGNOLI, Diego GUADAGNOLI, Diego GUADAGNOLI, Diego |

Friday, March 31, 2023

Keynotes (8:30 AM - 9:30 AM)

| time | [id] title | presenter |
|---------|---|------------------------|
| 8:30 AM | [99] Ultralight dark matter generated by thermal fermions | CHUN, Eung Jin |
| 9:00 AM | [100] Nanograv anomaly | SCHWALLER, Pedro Klaus |