



# PANIC2021 Conference

## Sunday, September 5, 2021

### Energy frontier physics beyond the standard model (1:00 PM - 6:00 PM)

-Conveners: Michele Gallinaro; Marumi Kado; Christophe Grojean

| time    | [id] title  | presenter                  |
|---------|---|----------------------------|
| 1:00 PM | [461] BSM vision  | FUCHS, Elina               |
| 1:30 PM | [565] Prospects for BSM at LHC (experimental vision)                                | SOFFI, Livia               |
| 1:55 PM | [475] Beyond the SM Higgs physics at LHC (Direct and indirect from Higgs couplings) | DAI, Tiesheng              |
| 2:20 PM | Break   |                            |
| 2:30 PM | [473] EW SUSY production at the LHC   | Dr PACEY, Holly            |
| 2:55 PM | [567] Strong SUSY and third generation SUSY   | HILTBRAND, Joshua          |
| 3:20 PM | [227] New physics searches with the ILD detector at the ILC                         | BERGGREN, Mikael           |
| 3:45 PM | Break   |                            |
| 4:00 PM | [634] Probing dark matter with ILC  | ZARNECKI, Aleksander Filip |
| 4:25 PM | [477] Search for dark matter at the LHC   | BEHR, Janna Katharina      |
| 4:50 PM | [458] Probing Higgs-portal dark matter with vector-boson fusion                     | MADGE, Eric                |

# Wednesday, September 8, 2021

## Energy frontier physics beyond the standard model (1:00 PM - 6:05 PM)

-Conveners: Marumi Kado; Christophe Grojean; Michele Gallinaro

| time    | [id] title  | presenter               |
|---------|---|-------------------------|
| 1:00 PM | [463] SM Anomalies and BSM interpretations  | CORNELLA, Claudia       |
| 1:30 PM | [561] Leptoquarks and HVB (in scenarios of LFU anomaly)                           | REIMERS, Arne Christoph |
| 1:55 PM | [484] Constraints on coloured scalars from global fits                            | MIRALLES, Víctor        |
| 2:20 PM | Break   |                         |
| 2:30 PM | [462] BSM with axions   | THAMM, Andrea           |
| 3:00 PM | [564] Searches for Axion-Like Particles   | CAS AIS VIDAL, Adrián   |
| 3:25 PM | [277] Searches for long-lived particles at CMS                                    | KAZANA, Malgorzata      |
| 3:50 PM | [474] Long-lived particles and unconventional signatures at LHC                   | VERDUCCI, Monica        |
| 4:15 PM | Break   |                         |
| 4:20 PM | [566] Prospects for searches of new physics at future facilities beyond HL-LHC    | HELSENS, Clement        |
| 4:45 PM | [196] Search Prospect for Extremely Weakly-Interacting Particles in Gamma Factory | CHAKRABORTI, Sreemanti  |
| 5:10 PM | [476] Search for heavy resonances at the LHC (ED, HVB, etc...)                    | DUDA, Dominik           |
| 5:35 PM | [460] Cosmological approaches to the Higgs hierarchy problem                      | TERESI, Daniele         |