



# Brookhaven Forum 2019: Particle Physics and Cosmology in the 2020's

## Friday, 27 September 2019

**Parallel Session: Room A Chair: P. Huang; Room B Chair: S. Bar-Shalom; Room C Chair: E. Brost (10:40 - 12:20)**

| time  | [id] title  | presenter                      |
|-------|---|--------------------------------|
| 10:40 | [43] DM/Neutrino - Room A - Thermal Relic Targets with Exponentially Small Couplings  | WANG, PoJen                    |
| 10:40 | [53] Flavor/CP - Room C - Measurements of CPV in b and c Decays at LHCb   | DI CANTO, Angelo               |
| 10:40 | [48] NP Searches/BSM - Room B - Multistep Strongly First-order Phase from New TeV-scale Fermions                                | ANGELESCU, Andrei              |
| 11:00 | [49] NP Searches/BSM - Room B - Search for BSM Physics using Challenging Signatures (Exotics, Emerging jets, SUSY RPV Searches) | DALLAPICCOLA, Carlo            |
| 11:00 | [44] DM/Neutrino - Room A - Searches for Dark Matter at ATLAS and CMS   | WU, Zhenbin                    |
| 11:00 | [54] Flavor/CP - Room C - Charm CP Violation  | SCHACHT, Stefan                |
| 11:20 | [50] NP Searches/BSM - Room B - RS Phase Transition, Fixed Points, and Gravitational Waves                                      | EKHTERACHIAN, Majid            |
| 11:20 | [45] DM/Neutrino - Room A - Conformal Freeze-In DM  | KURUP, Gowri                   |
| 11:20 | [55] Flavor/CP - Room C - CPV in B Decays; Results at Belle and Prospects at Belle II   | HSU, Chia-Ling                 |
| 11:40 | [46] DM/Neutrino - Room A - Implications of Future Large-scale Structure Observations for the Neutrino Mass Sum                 | BRINCKMANN, Thejs              |
| 11:40 | [56] Flavor/CP - Room C - Studying CP Violation in Angular Distributions of Semi-leptonic B Decays                              | BHATTACHARYA, ,<br>Bhubanjyoti |
| 11:40 | [51] NP Searches/BSM - Room B - New Signatures of Light Electroweakino Sectors  | TUCKLER, Douglas               |
| 12:00 | [52] NP Searches/BSM - Room B -   |                                |
| 12:00 | [47] DM/Neutrino - Room A - Cosmological Signals of Neutrino Mass and Lifetime  | DU, Peizhi                     |
| 12:00 | [57] -  |                                |