



# EPS-HEP 2017

## Thursday, July 6, 2017

### Flavour and symmetries - Room Mosaici-2 (9:00 AM - 1:00 PM)

| time     | [id] title  | presenter            |
|----------|---|----------------------|
| 9:00 AM  | [10] Theory overview on FCNC B-decays   | GRELJO, Admir        |
| 9:30 AM  | [616] LHC results on FCNC beauty decays   | BLAKE, Thomas        |
| 10:00 AM | [913] Recent measurements of radiative and electroweak Penguin Decays at Belle  | WEHLE, Simon         |
| 10:30 AM | [619] Rare B decays at LHCb   | PUIG NAVARRO, Albert |
| 10:45 AM | [769] A Systematic Study of Discriminators between New Physics and Standard Model in $b \rightarrow s$ transitions                        | VALLI, Mauro         |
| 11:00 AM | Coffee break  |                      |
| 11:15 AM | [615] New physics searches with EW penguins and radiative B decays at LHCb  | MARIN BENITO, Carla  |
| 11:30 AM | [453] Lepton Flavor (Universality) Violation in B Meson Decays  | Mr SUMENSARI, Olcyr  |
| 11:45 AM | [314] Results on $B_{s,d} \rightarrow \mu\mu$ decays and measurement of $P_5'$ and $P_1$ parameters in $B_0 \rightarrow K^* \mu\mu$ decay | LACAPRARA, Stefano   |
| 12:00 PM | [80] Rare FCNF radiative leptonic decays $B \rightarrow \gamma l^+ l^-$   | MELIKHOV, Dmitri     |
| 12:15 PM | [558] Recent searches for beyond-SM effects in $B$ -meson decays at BaBar   | EIGEN, Gerald        |
| 12:30 PM | [765] Studies of missing energy decays of B meson at Belle II   | MANONI, Elisa        |
| 12:45 PM | [371] New physics searches with heavy flavour observables at ATLAS  | DE SANCTIS, Umberto  |

### Flavour and symmetries - Room Mosaici-2 (2:30 PM - 6:45 PM)

| time    | [id] title  | presenter  |
|---------|---|--|
| 2:30 PM | [32] The invariant and helicity amplitudes in the transitions $\Lambda_b \rightarrow \Lambda^* (\frac{1}{2}^-, \frac{3}{2}^-) + J/\psi$ . | Prof. IVANOV, Mikhail<br>IVANOV, Mikhail<br>IVANOV, Mikhail<br>IVANOV, Mikhail |
| 2:45 PM | [202] Theory overview of the tree-level b-decays  | DE FAZIO, Fulvia<br>DE FAZIO, Fulvia   |
| 3:15 PM | [624] LHC results on tree-level beauty decays   | VESTERINEN, Mika Anton   |
| 3:45 PM | [911] New results on rare B decays with leptons from Belle  | FALKE, Saskia  |
| 4:15 PM | Coffee break  |  |
| 4:45 PM | [625] Recent results from LHCb on semileptonic decays of b-hadrons  | BOZZI, Concezio  |
| 5:00 PM | [321] The role of theory input for exclusive $V_{cb}$ determinations  | SCHACHT, Stefan  |
| 5:15 PM | [621] Time-dependent measurements of the CKM angle $\gamma$ at LHCb   | HILL, Donal  |
| 5:30 PM | [24] Sensitivity to scalar contributions in $b \rightarrow c$ ( $u$ ) $\tau \nu$ decays   | CELIS, Alejandro   |

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|---------|--|--------------------|
| 5:45 PM | [586] Charmless B decays at LHCb   | RODRIGUES, Eduardo |
| 6:00 PM | [981] Possible origin(s) of $RD^{(*)}$ flavor anomalies                              | SONI, Amarjit      |
| 6:15 PM | [763] Measurement of CKM parameters at Belle II                                      | KOMAROV, Ilya      |
| 6:30 PM | [846] Nonperturbative determination of form factors for semileptonic Bs meson decays | WITZEL, Oliver     |

# Friday, July 7, 2017

## Flavour and symmetries - Room Mosaici-2 (2:30 PM - 6:45 PM)

| time    | [id] title  | presenter                              |
|---------|---|--|
| 2:30 PM | [1042] Charm Physics: Theory status and window to New Physics   | FAJFER, Svjatlana                      |
| 3:00 PM | [611] Charm and CP violation measurements from the LHC  | DI CANTO, Angelo                       |
| 3:30 PM | [656] Charm meson physics at BESIII   | CHEN, Jiangchuan                       |
| 4:00 PM | Coffee break  |  |
| 4:30 PM | [585] Time-dependent CP violation in the B system at LHCb   | ESEN, Sevda                            |
| 4:45 PM | [610] CP violation in b baryons at LHCb   | SILVA COUTINHO, Rafael                 |
| 5:00 PM | [703] Rare radiative charm decays in the standard model and beyond  | DE BOER, Stefan                        |
| 5:15 PM | [612] Searches for rare charm decays at LHCb  | MITZEL, Dominik Stefan                 |
| 5:30 PM | [771] SU(3) <sub>f</sub> Breaking through Final State Interactions and CP Asymmetries in $D \rightarrow P P$ Decays | PAUL, Ayan                             |
| 5:45 PM | [762] CP Violation sensitivity at the Belle II Experiment   | MORDA, Alessandro<br>MORDÀ, Alessandro |
| 6:00 PM | [984] Unitarity Triangle Analysis and D meson mixing in the Standard Model and Beyond                               | SILVESTRINI, Luca<br>BONA, Marcella    |
| 6:15 PM | [914] Recent measurements of branching fractions and CP asymmetries of charmless hadronic B meson decays at Belle   | KALIYAR, Abdul Basith                  |
| 6:30 PM | [916] Search for CP violation and rare decays in charm sector at Belle  | NAYAK, Minakshi                        |

# Saturday, July 8, 2017

## Flavour and symmetries - Room Mosaici-2 (9:00 AM - 1:00 PM)

| time     | [id] title  | presenter                             |
|----------|---|---------------------------------------|
| 9:00 AM  | [1045] Getting to grips with hadronic uncertainties in kaon physics and in $(g-2)_{\mu}$  | JUETTNER, Andreas<br>JUTTNER, Andreas |
| 9:30 AM  | [643] Recent results from kaon physics  | RUGGIERO, Giuseppe                    |
| 10:00 AM | [708] Experimental Summary: Performance and systematics from the $g-2$ experiment at FNAL   | Prof. LANCASTER, Mark                 |
| 10:30 AM | [1047] Update on the hadronic vacuum polarisation contributions to muon $g-2$ and $\alpha(m_Z^2)$   | ZHANG, Zhiqing Philippe               |
| 10:45 AM | [466] Experimental limiting factors for the next generation of $\mu \rightarrow e \gamma$ searches  | RENGA, Francesco                      |
| 11:00 AM | [796] Test of discrete symmetries with neutral kaons at KLOE-2  | DI DOMENICO, Antonio                  |
| 11:15 AM | Coffee break  |                                       |
| 11:45 AM | [688] Lepton-flavour violation in a Pati-Salam model with gauged flavour symmetry   | Mr PAUL, Moch                         |
| 12:00 PM | [618] Rare strange decays at LHCb   | RAMOS PERNAS, Miguel                  |
| 12:15 PM | [1002] SUSY contributions in light of recent $\epsilon/\lambda\epsilon$   | Mr UEDA, Daiki<br>UEDA, Daiki         |
| 12:30 PM | [102] The muon to electron conversion process and the Mu2e experiment at Fermilab   | Dr MISCETTI, Stefano                  |
| 12:45 PM | [602] Precision measurement of the form factors of the charged kaon semileptonic decays $K^{\pm} \rightarrow \pi^{\pm} \ell^{\pm} \nu_{\ell}$ | PICCINI, Mauro                        |