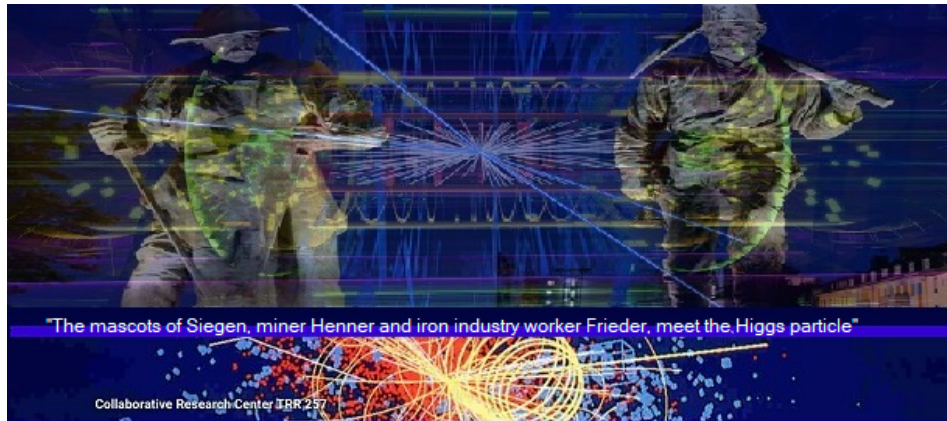


Status and prospects of Non-leptonic B meson decays



Report of Contributions

Contribution ID: 2

Type: **not specified**

LHCb measurements of non-leptonic colour-allowed tree-level decays.

Tuesday, May 31, 2022 9:00 AM (30 minutes)

Presenter: FÜHRING, Quentin (Dortmund)

Session Classification: Experimental Session

Contribution ID: 4

Type: **not specified**

B->Dh decays at LHCb

Tuesday, May 31, 2022 9:30 AM (30 minutes)

Presenter: HANSMANN-MENZEMER, Stephanie

Session Classification: Experimental Session

Contribution ID: 5

Type: **not specified**

3 body Non-leptonic B decays I

Presenter: VIRTO, Javier

Contribution ID: 7

Type: **not specified**

3 body Non-leptonic B decays II

Tuesday, May 31, 2022 2:30 PM (30 minutes)

Presenter: MAGALHAES, Patricia

Session Classification: B meson non-leptonic decays theory

Contribution ID: 9

Type: **not specified**

Enhanced NLO corrections to Annihilations

Presenter: WANG, Yu-Ming (Nankai University)

Session Classification: B meson non-leptonic decays theory

Contribution ID: **11**

Type: **not specified**

Puzzle in $B \rightarrow \pi K$

Thursday, June 2, 2022 9:55 AM (30 minutes)

Presenter: VOS, Keri (Maastricht University)

Session Classification: New Physics in $B \rightarrow \pi K$ and $B \rightarrow DK$

Contribution ID: 12

Type: **not specified**

New Physics in $B_s \rightarrow D_s^+ K^-$

Thursday, June 2, 2022 10:25 AM (30 minutes)

Presenter: MALAMI, Eleftheria (Nikhef)

Session Classification: New Physics in $B \rightarrow \pi K$ and $B \rightarrow DK$

Contribution ID: 13

Type: **not specified**

Review of New Physics in non-leptonic tree level B meson decays

Thursday, June 2, 2022 10:55 AM (30 minutes)

Presenter: KIRK, Matthew (ICC Barcelona)

Session Classification: New Physics in non-leptonic B meson decays

Contribution ID: 14

Type: **not specified**

New physics effects in $B_d, s \rightarrow K^* K^*$

Thursday, June 2, 2022 11:25 AM (30 minutes)

Presenter: DESCOTES-GENON, Sebastian (Orsay, IJCLab)

Session Classification: New Physics in non-leptonic B meson decays

Contribution ID: 15

Type: **not specified**

Collider bounds on BSM effects in non-leptonic B decays

Thursday, June 2, 2022 1:00 PM (30 minutes)

Presenter: BORDONE, Marzia (CERN)

Session Classification: Constraints on New Physics in non-leptonic decays

Contribution ID: 16

Type: **not specified**

Disentangling new physics in non-leptonic B decays via flavour specific CP asymmetries

Presenter: GERSHON, Tim (Warwick University)

Session Classification: Constraints on New Physics in non-leptonic decays

Contribution ID: 17

Type: **not specified**

LHCb outlook for non-leptonic decays

Thursday, June 2, 2022 1:30 PM (30 minutes)

Presenter: SKIDMORE, Nicola (CERN)

Session Classification: Experimental Outlook

Contribution ID: **18**

Type: **not specified**

3 body Non-leptonic B decays I

Tuesday, May 31, 2022 2:00 PM (30 minutes)

Presenter: VIRTO, Javier (ICC, Barcelona)

Session Classification: B meson non-leptonic decays theory

Contribution ID: **19**

Type: **not specified**

Puzzle in $B \rightarrow D\pi$ and $B \rightarrow DK$

Presenter: VAN DYK, Danny (Munich TMU)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 20

Type: **not specified**

Overview on QCDF

Presenter: BENEKE, Martin (TUM)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 21

Type: **not specified**

QED effects in QCDF

Presenter: FINAURI, Gael (TMU)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 22

Type: **not specified**

Non-leptonic B decays

Presenter: CHENG, Hai-Yang (Academia Sinica, Taiwan)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 23

Type: **not specified**

Overview of QCDF

Tuesday, May 31, 2022 11:00 AM (30 minutes)

Presenter: BENEKE, Martin (TUM)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 24

Type: **not specified**

QED corrections to QCDF

Tuesday, May 31, 2022 11:30 AM (30 minutes)

Presenter: FINAURI, Gael (TMU)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 25

Type: **not specified**

Puzzle in $B \rightarrow D\pi$ and $B \rightarrow DK$

Tuesday, May 31, 2022 12:00 PM (30 minutes)

Presenter: GUBERNARI, Nico

Session Classification: B meson non-leptonic decays theory

Contribution ID: 26

Type: **not specified**

Rescattering effects in non-leptonic colour-allowed tree-level decays

Wednesday, June 1, 2022 9:00 AM (30 minutes)

Presenter: IGURO, Syuhei (Karlsruhe, TTP)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 27

Type: **not specified**

Overview of pQCD for non-leptonic decays

Wednesday, June 1, 2022 9:30 AM (30 minutes)

Presenter: LI, Hsiang-nan (Institute of Physics, Academia Sinica, Taiwan)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 28

Type: **not specified**

Non-leptonic B decays

Wednesday, June 1, 2022 10:00 AM (30 minutes)

Presenter: CHENG, Hai-Yang (Academia Sinica, Taiwan)

Session Classification: B meson non-leptonic decays theory

Contribution ID: 29

Type: **not specified**

Topological diagrams and SU(3) irreducible representations

Wednesday, June 1, 2022 11:00 AM (30 minutes)

Presenter: YU, Fu-Sheng (Lanzhou University)

Session Classification: B meson non-leptonic decays theory

Contribution ID: **30**

Type: **not specified**

Enhanced NLO corrections to Annihilations

Wednesday, June 1, 2022 11:30 AM (30 minutes)

Presenter: WANG, Yu-Ming (Nankai University)

Session Classification: B meson non-leptonic decays theory

Contribution ID: **31**

Type: **not specified**

Non-leptonic B decays

Wednesday, June 1, 2022 12:00 PM (30 minutes)

Presenter: LU, Cai-Dian (Beijing, Inst. High Energy Phys.)

Session Classification: B meson non-leptonic decays theory

Contribution ID: **32**

Type: **not specified**

Soft gluon contributions from QCD Sum Rules determinations

Tuesday, May 31, 2022 3:00 PM (30 minutes)

Presenter: RUSOV, Aleksey

Session Classification: B meson non-leptonic decays theory

Contribution ID: 33

Type: **not specified**

Charmless B decay at Belle II

Thursday, June 2, 2022 2:00 PM (30 minutes)

Presenter: Prof. WANG, Min-Zu

Session Classification: Experimental Outlook

Contribution ID: **34**

Type: **not specified**

B to charm decays at Belle (II)

Tuesday, May 31, 2022 10:00 AM (30 minutes)

Presenter: SEVIOR, Martin

Session Classification: Experimental Session