

Conference on Flavor Physics and CP Violation (FPCP2021)

Report of Contributions

Contribution ID: 142

Type: **not specified**

Exotics hadron at e+e- machines

Tuesday, 8 June 2021 09:00 (30 minutes)

Presenter: Dr ZHU, Kai (高能所)

Session Classification: Exotic / Spectrum

Contribution ID: 143

Type: **not specified**

Exotics hadrons at hadronic machines

Tuesday, 8 June 2021 16:00 (30 minutes)

Presenter: YELETSKIKH, Ivan (Joint Institute for Nuclear Research)

Session Classification: Exotic / Spectrum

Contribution ID: 144

Type: **not specified**

Charm baryon spectroscopy and decay

Tuesday, 8 June 2021 10:00 (30 minutes)

Presenter: YANG, Seongbae (Korea University)

Session Classification: Exotic / Spectrum

Contribution ID: 145

Type: **not specified**

Theory review: SM and BSM

Wednesday, 9 June 2021 14:00 (30 minutes)

Presenter: HOFERICTER, Martin (University of Bern)

Session Classification: Muon (τ) and $g-2$

Contribution ID: 146

Type: **not specified**

Muon g-2

Monday, 7 June 2021 09:00 (30 minutes)

Presenter: KIBURG, Brendan (Fermi National Accelerator Laboratory)

Session Classification: Muon (tau) and g-2

Contribution ID: 147

Type: **not specified**

The alpha measurement mainly focusing on the effect to $g-2$ of electron

Wednesday, 9 June 2021 14:30 (30 minutes)

Presenter: GUELLATI-KHÉLIFA, Saïda

Session Classification: Muon (τ) and $g-2$

Contribution ID: 148

Type: **not specified**

Overview on Neutrino Oscillation Experiments

Monday, 7 June 2021 11:00 (30 minutes)

Presenter: Dr HE, Miao (IHEP)

Session Classification: Neutrino Physics

Contribution ID: 149

Type: **not specified**

Long-baseline Accelerator Neutrino Experiments

Monday, 7 June 2021 10:30 (30 minutes)

Presenter: MISLIVEC, Aaron (University of Minnesota)

Session Classification: Neutrino Physics

Contribution ID: 150

Type: **not specified**

Atmospheric Neutrino Oscillation Experiments

Wednesday, 9 June 2021 17:30 (30 minutes)

Presenter: MA, Wing Yan (DESY)

Session Classification: Neutrino Physics

Contribution ID: 151

Type: **not specified**

Angular analysis and branching fraction measurements of b-hadron FCNC decays

Monday, 7 June 2021 18:30 (30 minutes)

Presenter: MATEROK, Marcel (RWTH Aachen University, Physics Institute Ib)

Session Classification: B, charm and kaon physics

Contribution ID: 152

Type: **not specified**

BSM fits in rare B decays

Thursday, 10 June 2021 14:00 (30 minutes)

Presenter: VIRTO, Javier

Session Classification: B, charm and kaon physics

Contribution ID: 153

Type: **not specified**

Rare decays and test of conservation laws in charm and B decays at LHC

Thursday, 10 June 2021 14:30 (30 minutes)

Presenter: SUMENSARI, Olcyr (IJCLab)

Session Classification: B, charm and kaon physics

Contribution ID: 154

Type: **not specified**

Rare charm decays

Thursday, 10 June 2021 15:00 (30 minutes)

Presenter: FAJFER, Svetlana (Ljubljana U.)

Session Classification: B, charm and kaon physics

Contribution ID: 155

Type: **not specified**

Vcb, Vub measurements at LHCb and Belle II

Monday, 7 June 2021 17:30 (30 minutes)

Presenter: DE CIAN, Michel (EPFL)

Session Classification: B, charm and kaon physics

Contribution ID: 156

Type: **not specified**

Top flavour physics

Tuesday, 8 June 2021 14:00 (30 minutes)

Presenter: DE IORIO, Agostino (Università e INFN di Napoli)

Session Classification: High-pT physics

Contribution ID: 157

Type: **not specified**

Tops fits within SMEFT and Flavor implications

Tuesday, 8 June 2021 14:30 (30 minutes)

Presenter: WESTHOFF, Susanne (Heidelberg University)

Session Classification: High-pT physics

Contribution ID: 158

Type: **not specified**

Measurement of Higgs properties and Higgs LFV decay search at LHC

Tuesday, 8 June 2021 15:00 (30 minutes)

Presenter: TESTA, Marianna (INFN-LNF)

Session Classification: High-pT physics

Contribution ID: 159

Type: **not specified**

Dark sector searches at flavor experiments

Monday, 7 June 2021 14:00 (30 minutes)

Presenter: ZANI, Laura (Centre de Physique des Particules de Marseille)

Session Classification: New Physics/Dark matter, photon

Contribution ID: **160**

Type: **not specified**

Searching for the QCD Axion at flavor experiments

Monday, 7 June 2021 14:30 (30 minutes)

Presenter: ZIEGLER, Robert (Karlsruhe Institute of Technology)

Session Classification: New Physics/Dark matter, photon

Contribution ID: 161

Type: **not specified**

Phenomenology of top-flavoured dark matter

Monday, 7 June 2021 15:00 (30 minutes)

Presenter: BLANKE, Monika (Karlsruhe Institute of Technology)

Session Classification: New Physics/Dark matter, photon

Contribution ID: 162

Type: **not specified**

ATLAS results on exotic heavy hadrons

Tuesday, 8 June 2021 17:45 (15 minutes)

Presenter: YELETSKIKH, Ivan (Joint Institute for Nuclear Research)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: **163**

Type: **not specified**

Zc and Zcs studies at BESIII

Wednesday, 9 June 2021 10:45 (15 minutes)

Presenter: MA, Ruiting (University of Chinese Academy of Sciences (UCAS))

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: 164

Type: **not specified**

Recent results with exotic charmonia hadrons at LHCb

Wednesday, 9 June 2021 11:15 (15 minutes)

Presenter: WANG, Mengzhen (Tsinghua)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: 165

Type: **not specified**

Y states including Y(2175) at BESIII

Wednesday, 9 June 2021 11:00 (15 minutes)

Presenter: LI, xuhong (University of Science and Technology of China)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: 166

Type: **not specified**

Exotic hadrons in the dynamical diquark model

Tuesday, 8 June 2021 18:00 (15 minutes)

Presenter: SANTOPINTO, Elena (INFN Genoa)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: 167

Type: **not specified**

Test of lepton universality and lepton flavor violation in $Y(3S)$ decays at BABAR

Wednesday, 9 June 2021 10:30 (15 minutes)

Presenter: TASNEEM, Nafisa (St. Francis Xavier University, University of Victoria)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: 168

Type: **not specified**

Recent CMS results on spectroscopy of heavy flavors at CMS

Tuesday, 8 June 2021 18:15 (15 minutes)

Presenter: MASTRAPASQUA, Vincenzo (Università degli Studi e INFN Bari, Italy)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: **169**

Type: **not specified**

Tau mass measurement and tau physics prospects at Belle II

Tuesday, 8 June 2021 18:30 (15 minutes)

Presenter: KARL, Robert (DESY)

Session Classification: Parallel session (Exotic / tau / Future facilities)

Contribution ID: 178

Type: **not specified**

Rediscovery of the decays for the CP violation measurements at Belle II

Thursday, 10 June 2021 18:30 (15 minutes)

Presenter: ZLEBICK, Radek (Institute of Particle and Nuclear Physics, Charles University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 179

Type: **not specified**

CKM measurements at the Belle II experiment

Tuesday, 8 June 2021 11:30 (15 minutes)

Presenter: ZHOU, Qidong (Nagoya university)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **180**

Type: **not specified**

ATLAS measurements of CP violation and rare decays processes with beauty mesons

Thursday, 10 June 2021 18:45 (15 minutes)

Presenter: BONA, Marcella (Queen Mary University of London)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **181**

Type: **not specified**

CP violating phase sum rule for CKM and PMNS matrices

Tuesday, 8 June 2021 11:45 (15 minutes)

Presenter: 孙, 进 (Shanghai Jiao Tong University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **182**

Type: **not specified**

Leptonic D_s decays at BESIII

Tuesday, 8 June 2021 12:00 (15 minutes)

Presenter: 潘, 祥 (高能所)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **183**

Type: **not specified**

Amplitude analysis of Ds hadronic decays at BESIII

Tuesday, 8 June 2021 12:15 (15 minutes)

Presenter: 戴, 鑫琛 (高能所)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **184**

Type: **not specified**

Light-cone distribution amplitude of pion meson from the electromagnetic form factor

Thursday, 10 June 2021 12:15 (15 minutes)

Presenter: Dr CHENG, Shan (Hunan University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 185

Type: **not specified**

Angular analyses of B meson decays at CMS

Thursday, 10 June 2021 12:00 (15 minutes)

Presenter: QIN, Xuelong (Peking University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **186**

Type: **not specified**

Higgs boson couplings to quarks and leptons at the ATLAS experiment

Thursday, 10 June 2021 18:45 (15 minutes)

Presenter: ROSATI, Stefano (INFN Roma)

Session Classification: Parallel session (High-PT / New Physics)

Contribution ID: 187

Type: **not specified**

Measurements on Higgs boson width and anomalous couplings with on-shell and off-shell production in ZZ decay channel at CMS

Thursday, 10 June 2021 18:15 (15 minutes)

Presenter: 王, 翰文 (Beihang University)

Session Classification: Parallel session (High-PT / New Physics)

Contribution ID: **188**

Type: **not specified**

Recent Searches for Hidden-Sector Particles and Axion-Like Particle with BABAR

Thursday, 10 June 2021 18:30 (15 minutes)

Presenter: LI, Yunxuan (California Institute of Technology)

Session Classification: Parallel session (High-PT / New Physics)

Contribution ID: **189**

Type: **not specified**

Searching for leptoquarks with the ATLAS detector

Thursday, 10 June 2021 19:00 (15 minutes)

Presenter: BUGGE, Magnar Kopangen (University of Oslo)

Session Classification: Parallel session (High-PT / New Physics)

Contribution ID: **190**

Type: **not specified**

Recent kaon results at NA62

Thursday, 10 June 2021 18:15 (15 minutes)

Presenter: MARTELLOTTI, Silvia (INFN, Laboratori Nazionali di Frascati)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 192

Type: **not specified**

Precision tests of SM with heavy flavour decays at CMS

Tuesday, 8 June 2021 18:30 (15 minutes)

Presenter: ARUTA, Caterina (University of Bari)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 193

Type: **not specified**

Measurements of Bs oscillation and TD CPV at LHCb

Tuesday, 8 June 2021 18:45 (15 minutes)

Presenter: VERONESI, Michele (Nikhef)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 194

Type: **not specified**

CP violation measurements in B- \rightarrow K π^0 at LHCb

Wednesday, 9 June 2021 10:30 (15 minutes)

Presenter: PAREKR, William (University of Maryland)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 195

Type: **not specified**

Results and prospects of charmed bayon physics at BESIII

Thursday, 10 June 2021 11:45 (15 minutes)

Presenter: Dr LI, Pei-Rong (LanZhou University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 196

Type: **not specified**

Inclusive B to Xs l+l- decays

Tuesday, 8 June 2021 18:15 (15 minutes)

Presenter: Dr QIN, Qin (华中科技大学 (HUST))

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 197

Type: **not specified**

QCD corrections to hadronic B decays

Tuesday, 8 June 2021 18:00 (15 minutes)

Presenter: Prof. LI, Xin-Qiang (Central China Normal University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 198

Type: **not specified**

A Novel Approach to Extract the Photon Polarization in B to K1 gamma

Wednesday, 9 June 2021 10:45 (15 minutes)

Presenter: ZHAO, Zhen-Xing (Inner Mongolia University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: **199**

Type: **not specified**

Lepton Flavor Universality measurements: RD, RD*

Monday, 7 June 2021 16:00 (30 minutes)

Presenter: BASITH, Abdul (Tata Institute of Fundamental Research Mumbai)

Session Classification: B, charm and kaon physics

Contribution ID: **200**

Type: **not specified**

Lepton Flavor Universality measurements: RK, RK*

Monday, 7 June 2021 16:30 (30 minutes)

Presenter: WATANUKI, Shun (Yonsei University)

Session Classification: B, charm and kaon physics

Contribution ID: **201**

Type: **not specified**

Semi-leptonic decays in theory

Monday, 7 June 2021 17:00 (30 minutes)

Presenter: MANNEL, Thomas

Session Classification: B, charm and kaon physics

Contribution ID: 202

Type: **not specified**

Heavy-heavy and heavy-light form factors from Lattice QCD

Thursday, 10 June 2021 09:00 (30 minutes)

Presenter: KANEKO, Takashi (kek)

Session Classification: B, charm and kaon physics

Contribution ID: 203

Type: **not specified**

Charm CPV in theory

Monday, 7 June 2021 18:00 (30 minutes)

Presenter: GROSSMAN, Yuval

Session Classification: B, charm and kaon physics

Contribution ID: 204

Type: **not specified**

Theory review on Charged Lepton Flavor Violation

Wednesday, 9 June 2021 15:00 (30 minutes)

Presenter: VICENTE, Avelino (IFIC (CSIC - U. Valencia))

Session Classification: Muon (τ) and $g-2$

Contribution ID: 206

Type: **not specified**

Experimental Searches for Lepton Flavor Violation

Monday, 7 June 2021 09:30 (30 minutes)

Presenter: OGAWA, Shinji (The University of Tokyo)

Session Classification: Muon (tau) and $g-2$

Contribution ID: 207

Type: **not specified**

Tau physics at B-factories

Wednesday, 9 June 2021 15:30 (30 minutes)

Presenter: SAHOO, Debashis (TIFR, Mumbai)

Session Classification: Muon (tau) and g-2

Contribution ID: 208

Type: **not specified**

New ideas for the direct determination of the electromagnetic moments of charged and neutral fermions

Wednesday, 9 June 2021 16:00 (30 minutes)

Presenter: NERI, Nicola (University and INFN Milan)

Session Classification: Muon (τ) and $g-2$

Contribution ID: 209

Type: **not specified**

Xi_c Semileptonic decays from lattice QCD

Wednesday, 9 June 2021 11:00 (15 minutes)

Presenter: Prof. WANG, Wei (Shanghai JiaoTong University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 210

Type: **not specified**

Charmless B decays at Belle II

Thursday, 10 June 2021 11:30 (15 minutes)

Presenter: 李, 清化 (Department of Physics National Taiwan University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 211

Type: **not specified**

Mixing and CPV in charm at LHCb

Tuesday, 8 June 2021 17:45 (15 minutes)

Presenter: WILLIAMS, Mark (University of Edinburgh)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 212

Type: **not specified**

New charm results from LHCb

Wednesday, 9 June 2021 11:15 (15 minutes)

Presenter: CHEN, Chen (Tsinghua University)

Session Classification: Parallel session (B, charm and Kaon)

Contribution ID: 213

Type: **not specified**

Bottom baryon and meson spectroscopy

Tuesday, 8 June 2021 17:00 (30 minutes)

Presenter: CAVALLERO, Giovanni (CERN)

Session Classification: Exotic / Spectrum

Contribution ID: 214

Type: **not specified**

Charmonium/charm spectroscopy and decay

Tuesday, 8 June 2021 10:30 (30 minutes)

Presenter: GUO, Yuping (Fudan University)

Session Classification: Exotic / Spectrum

Contribution ID: 215

Type: **not specified**

Theory aspects of the XYZ states

Tuesday, 8 June 2021 09:30 (30 minutes)

Presenter: Prof. ZHAO, Qiang (Institute of High Energy Physics, Chinese Academy of Sciences)

Session Classification: Exotic / Spectrum

Contribution ID: 216

Type: **not specified**

Exotic hadrons in Lattice QCD

Tuesday, 8 June 2021 16:30 (30 minutes)

Presenter: PRELOVSEK, Sasa (University of Ljubljana)

Session Classification: Exotic / Spectrum

Contribution ID: 218

Type: **not specified**

Experimental Searches for Neutrinoless Double-Beta Decays and Prospects

Wednesday, 9 June 2021 17:00 (30 minutes)

Presenter: PAVAN, Maura

Session Classification: Neutrino Physics

Contribution ID: 219

Type: **not specified**

Theoretical Overview on Neutrino Physics

Monday, 7 June 2021 11:30 (30 minutes)

Presenter: GONZALEZ-GARCIA, Concepcion (YITP-Stony Brook Univ and ICREA-U.Barcelona)

Session Classification: Neutrino Physics

Contribution ID: 220

Type: **not specified**

CKM phase measurements in B decays

Thursday, 10 June 2021 09:30 (30 minutes)

Presenter: QIAN, Wenbin (University of Chinese Academy of Sciences)

Session Classification: B, charm and kaon physics

Contribution ID: 221

Type: **not specified**

Charm mixing in theory

Wednesday, 9 June 2021 09:00 (30 minutes)

Presenter: KAGAN, Alex

Session Classification: B, charm and kaon physics

Contribution ID: 222

Type: **not specified**

Lifetimes and non-leptonic decays of charmed baryons

Thursday, 10 June 2021 10:30 (30 minutes)

Presenter: Prof. XU, Fanrong (Jinan University)

Session Classification: B, charm and kaon physics

Contribution ID: 223

Type: **not specified**

Leptonic and semi-leptonic charm decays

Thursday, 10 June 2021 10:00 (30 minutes)

Presenter: KE, Bai-Cian (SXNU)

Session Classification: B, charm and kaon physics

Contribution ID: 224

Type: **not specified**

Hadronic charm decays

Thursday, 10 June 2021 15:30 (30 minutes)

Presenter: MALDE, Sneha (Oxford)

Session Classification: B, charm and kaon physics

Contribution ID: 225

Type: **not specified**

The physics and status of future electron positron Higgs factories and Tera Z factory

Friday, 11 June 2021 10:00 (30 minutes)

Presenter: RUAN, Manqi (IHEP)

Session Classification: Future facilities

Contribution ID: 226

Type: **not specified**

The status of Belle II and its Prospects

Friday, 11 June 2021 15:30 (30 minutes)

Presenter: NAYAK, Minakshi (Tel Aviv University)

Session Classification: Future facilities

Contribution ID: 227

Type: **not specified**

The status of LHCb and its upgrades

Friday, 11 June 2021 09:00 (30 minutes)

Presenter: STONE, Sheldon (Syracuse University)

Session Classification: Future facilities

Contribution ID: 228

Type: **not specified**

new generation kaon experiments

Friday, 11 June 2021 14:00 (30 minutes)

Presenter: MOULSON, Matthew (INFN Laboratori Nazionali di Frascati)

Session Classification: Future facilities

Contribution ID: 229

Type: **not specified**

Future super tau-charm factories

Friday, 11 June 2021 10:30 (30 minutes)

Presenter: PENG, haiping (USTC)

Session Classification: Future facilities

Contribution ID: 230

Type: **not specified**

new generation muon experiments

Friday, 11 June 2021 15:00 (30 minutes)

Presenter: PAPA, Angela

Session Classification: Future facilities

Contribution ID: 231

Type: **not specified**

The BEPCII-U project and prospect

Friday, 11 June 2021 09:30 (30 minutes)

Presenter: Dr ZHANG, Yuan (IHEP, Beijing)

Session Classification: Future facilities

Contribution ID: 232

Type: **not specified**

Next generation neutrino experiment

Friday, 11 June 2021 14:30 (30 minutes)

Presenter: CATANESI, gabriella (INFN Bari)

Session Classification: Future facilities

Contribution ID: 236

Type: **not specified**

Rare Kaon decays in KOTO/KLOE2 experiment

Thursday, 10 June 2021 16:30 (30 minutes)

Presenter: NANJO, Hajime (Osaka University)

Session Classification: B, charm and kaon physics

Contribution ID: 237

Type: **not specified**

Rare Kaon decays in NA62/LHCb experiment

Thursday, 10 June 2021 17:00 (30 minutes)

Presenter: LOLLINI, Riccardo (INFN-PG)

Session Classification: B, charm and kaon physics

Contribution ID: 238

Type: **not specified**

Kaon decays from lattice QCD

Wednesday, 9 June 2021 09:30 (30 minutes)

Presenter: JIN, Luchang (University of Connecticut)

Session Classification: B, charm and kaon physics

Contribution ID: 239

Type: **not specified**

Rare and forbidden decays of heavy flavor mesons at B-factories and LHC

Thursday, 10 June 2021 17:30 (30 minutes)

Presenter: SOFFER, Abner (Tel Aviv University)

Session Classification: B, charm and kaon physics

Contribution ID: 240

Type: **not specified**

Close out

Friday, 11 June 2021 16:00 (5 minutes)

Presenter: EGEDE, Ulrik (Monash University)

Session Classification: Closeout

Contribution ID: 241

Type: **not specified**

Announcement of FPCP 2022

Friday, 11 June 2021 16:05 (5 minutes)

Presenter: BENNETT, Jake (University of Mississippi)

Session Classification: Announcement of FPCP 2022

Contribution ID: 242

Type: **not specified**

FPCP 2023 site selection

Friday, 11 June 2021 16:10 (10 minutes)

Session Classification: FPCP 2023 site selection

Contribution ID: 243

Type: **not specified**

Welcome

Thursday, 10 June 2021 21:00 (5 minutes)

Presenter: EGEDE, Ulrik (Monash University)

Session Classification: FPCP International Advisory Committee meeting

Contribution ID: 244

Type: **not specified**

Report from FPCP 2021

Thursday, 10 June 2021 21:05 (15 minutes)

Presenter: Dr SHEN CHENGPING, 沈成平 (高能所)

Session Classification: FPCP International Advisory Committee meeting

Contribution ID: 245

Type: **not specified**

Status of FPCP 2022 planning

Thursday, 10 June 2021 21:20 (15 minutes)

Presenter: BENNETT, Jake (Carnegie Mellon University)

Session Classification: FPCP International Advisory Committee meeting

Contribution ID: 246

Type: **not specified**

FPCP 2023 site selection approval

Thursday, 10 June 2021 21:35 (10 minutes)

Presenter: Prof. IJIMA, Toru (Nagoya University)

Session Classification: FPCP International Advisory Committee meeting

Contribution ID: 247

Type: **not specified**

Report from executive committee

Thursday, 10 June 2021 21:45 (15 minutes)

Presenter: EGEDE, Ulrik (Monash University)

Session Classification: FPCP International Advisory Committee meeting