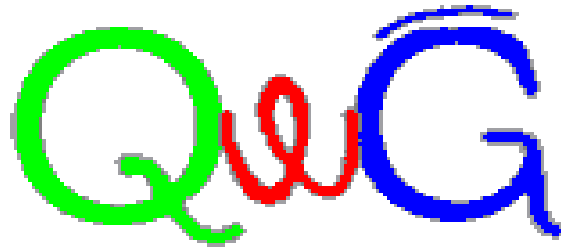


**QWG 2019 - The 13th  
International Workshop on  
Heavy Quarkonium**



**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Welcome address from University of Torino**

*Monday, May 13, 2019 9:00 AM (10 minutes)*

**Presenter:** VERCELLIN, Ermanno (TO)

**Session Classification:** QWG2019,Torino

Contribution ID: 2

Type: **not specified**

## Welcome address from INFN

*Monday, May 13, 2019 9:10 AM (10 minutes)*

**Presenter:** RIVETTI, Angelo (TO)

**Session Classification:** QWG2019,Torino

Contribution ID: 3

Type: **not specified**

## Quarkonium production studies at CMS

*Monday, May 13, 2019 11:35 AM (25 minutes)*

**Presenter:** COVARELLI, Roberto (TO)

**Session Classification:** Production

Contribution ID: 4

Type: **not specified**

## **From identical S- and P-wave pT/M spectra to maximally distinct polarizations: probing NRQCD with LHC data**

*Monday, May 13, 2019 12:00 PM (20 minutes)*

**Presenter:** ARAUJO, Mariana (CERN)

**Session Classification:** Production

Contribution ID: 5

Type: **not specified**

## **The remaining parts for the long-standing J/psi polarization puzzle**

*Monday, May 13, 2019 12:20 PM (20 minutes)*

**Presenter:** FENG, Yu (Department of Physics, Army Medical University, Chongqing, China)

**Session Classification:** Production

Contribution ID: 6

Type: **not specified**

## **Inclusive production of quarkonium in ATLAS**

*Monday, May 13, 2019 9:20 AM (20 minutes)*

**Presenter:** TOMS, Konstantin (University of New Mexico)

**Session Classification:** Production

Contribution ID: 7

Type: **not specified**

## Quarkonium production studies at ALICE

*Monday, May 13, 2019 9:40 AM (25 minutes)*

**Presenter:** WEBER, Steffen (GSI)

**Session Classification:** Production



Contribution ID: 8

Type: **not specified**

## **Analytical calculation of quarkonium fragmentation functions at NLO**

*Monday, May 13, 2019 10:55 AM (20 minutes)*

**Presenter:** MA, Yan Qing (Peking U.)

**Session Classification:** Production

Contribution ID: 9

Type: **not specified**

## **Associated production of quarkonium in ATLAS**

**Presenter:** ONYISI, Peter (Univ.Texas Austin)

**Session Classification:** Production

Contribution ID: **10**

Type: **not specified**

## **Central exclusive production of J/psi and psi(2S) at LHCb**

*Monday, May 13, 2019 11:15 AM (20 minutes)*

**Presenter:** BHOM, Jihyun (IFJ PAN Krakow)

**Session Classification:** Production

Contribution ID: 11

Type: **not specified**

## **Lepton flavor violation in quarkonium decays**

*Monday, May 13, 2019 2:00 PM (20 minutes)*

**Presenter:** PETROV, Alexey (Wayne University)

**Session Classification:** Beyond the Standard Model

Contribution ID: 12

Type: **not specified**

## **BSM searches with Charmonium at BESIII**

*Monday, May 13, 2019 2:20 PM (20 minutes)*

**Presenter:** YOU, Zhengyun (Sun Yat-sen University)

**Session Classification:** Beyond the Standard Model

Contribution ID: 13

Type: **not specified**

## **Upsilon and J/psi leptonic decays as probes of solutions to the $R_{D^{(*)}}$ puzzle**

*Monday, May 13, 2019 2:40 PM (20 minutes)*

**Presenter:** ALONI, Daniel (Weizmann Institute)

**Session Classification:** Beyond the Standard Model

Contribution ID: 14

Type: **not specified**

## **Dark sector searches at B-factories**

*Monday, May 13, 2019 3:00 PM (20 minutes)*

**Presenter:** ZANI, Laura (PI)

**Session Classification:** Beyond the Standard Model

Contribution ID: 15

Type: **not specified**

## **Searching for hidden sectors (BSM) using azimuthal correlations in pp collisions at the LHC**

*Monday, May 13, 2019 3:20 PM (20 minutes)*

**Presenter:** SANCHIS LOZANO, Miguel Angel (IFIC, University of Valencia)

**Session Classification:** Beyond the Standard Model



Contribution ID: 16

Type: **not specified**

## **$\eta'_c$ Hadroproduction at Next-to-Leading Order and its Relevance to $\psi'$ Production**

*Tuesday, May 14, 2019 2:00 PM (20 minutes)*

**Presenter:** SHAO, Hua-Sheng (LPTHE Paris)

**Session Classification:** Production

Contribution ID: 17

Type: **not specified**

## **J/psi, psi' and Upsilon production in pp at STAR**

*Monday, May 13, 2019 10:05 AM (20 minutes)*

**Presenter:** YANG, Qian (Shandong U.)

**Session Classification:** Production

Contribution ID: **18**

Type: **not specified**

## **Upsilon production at LHCb**

*Tuesday, May 14, 2019 3:20 PM (20 minutes)*

**Presenter:** PATRIGNANI, Claudia (Universita e INFN, Bologna (IT))

**Session Classification:** Production

Contribution ID: 19

Type: **not specified**

## **NLO QCD corrections to exclusive quarkonium electroproduction**

*Monday, May 13, 2019 4:50 PM (20 minutes)*

**Presenter:** QIAO, Cong -Feng (University of Chinese Academy of Sciences)

**Session Classification:** Production

Contribution ID: 20

Type: **not specified**

## **Psi'/Jpsi ratio in DIS and photoproduction at ZEUS**

*Monday, May 13, 2019 5:10 PM (25 minutes)*

**Presenter:** GRZELAK, Grzegorz (U. of Warsaw)

**Session Classification:** Production

Contribution ID: 21

Type: **not specified**

# The pNRQCD factorization of electromagnetic quarkonium production and its applications

*Monday, May 13, 2019 5:35 PM (20 minutes)*

**Presenter:** CHUNG, Hee Sok (Technical University of Munich)

**Session Classification:** Production

Contribution ID: 22

Type: **not specified**

## **Quarkonium properties from $T > 0$ for lattice NRQCD and pNRQCD**

*Tuesday, May 14, 2019 8:45 AM (30 minutes)*

**Presenter:** ROTHKOPF, Alexander Karl (Stavanger U.)

**Session Classification:** Quarkonium in Media

Contribution ID: 23

Type: **not specified**

## **ALICE results in p-Pb and Pb-Pb collisions**

*Tuesday, May 14, 2019 9:15 AM (30 minutes)*

**Presenter:** BISWARUP, Paul (INFN Cagliari)

**Session Classification:** Quarkonium in Media



Contribution ID: 24

Type: **not specified**

## **J/psi polarization in Pb-Pb collisions**

*Tuesday, May 14, 2019 9:45 AM (20 minutes)*

**Presenter:** MICHELETTI, Luca (TO)

**Session Classification:** Quarkonium in Media

Contribution ID: 25

Type: **not specified**

## **Lattice results on quarkonium at $T > 0$**

*Tuesday, May 14, 2019 10:05 AM (25 minutes)*

**Presenter:** ALLTON, Chris (Swansea University)

**Session Classification:** Quarkonium in Media

Contribution ID: 26

Type: **not specified**

## **NRQCD at $T>0$ with extended correlators**

*Tuesday, May 14, 2019 10:30 AM (25 minutes)*

**Presenter:** LARSEN, Rasmus (BNL)

**Session Classification:** Quarkonium in Media

Contribution ID: 27

Type: **not specified**

## **CMS results**

*Tuesday, May 14, 2019 11:25 AM (30 minutes)*

**Presenter:** STAHL LEITON, Andre Govinda (Rice University)

**Session Classification:** Quarkonium in Media

Contribution ID: 28

Type: **not specified**

## **Quarkonium and charm production in media at LHCb**

*Tuesday, May 14, 2019 4:30 PM (25 minutes)*

**Presenter:** BHOM, Jihyun (IFJ PAN Krakow)

**Session Classification:** Quarkonium in Media

Contribution ID: 29

Type: **not specified**

## **Quarkonium production in the CGC+NRQCD framework**

*Tuesday, May 14, 2019 4:55 PM (25 minutes)*

**Presenter:** STEBEL, Tomasz (INP Krakow)

**Session Classification:** Quarkonium in Media

Contribution ID: 30

Type: **not specified**

## **Quarkonium production in high multiplicity hadron-hadron and hadron-nucleus collisions: A new test of the universality of the NRQCD LDMEs**

*Monday, May 13, 2019 5:55 PM (20 minutes)*

**Presenter:** Dr WATANABE, Kazuhiro (Jefferson Lab)

**Session Classification:** Production

Contribution ID: 31

Type: **not specified**

## **Breakdown of NRQCD Factorization in Processes Involving Two Quarkonia and its Cure**

*Tuesday, May 14, 2019 2:20 PM (20 minutes)*

**Presenter:** KNIEHL, Bernd (DESY)

**Session Classification:** Production



Contribution ID: 32

Type: **not specified**

## **Covariant verification of a Two-loop test of NRQCD factorization**

*Tuesday, May 14, 2019 2:40 PM (20 minutes)*

**Presenter:** EE, June-Haak (Korea University)

**Session Classification:** Production

Contribution ID: 33

Type: **not specified**

## **Predictive solution to the X(3872) puzzle**

*Tuesday, May 14, 2019 3:00 PM (20 minutes)*

**Presenter:** BRAATEN, Eric (Ohio State U.)

**Session Classification:** Production

Contribution ID: 34

Type: **not specified**

## **h\_c production at super B factory**

*Monday, May 13, 2019 4:10 PM (20 minutes)*

**Presenter:** LIU, xiaohui (Beijing Normal University)

**Session Classification:** Production

Contribution ID: 35

Type: **not specified**

## **Gluon TMDs and NRQCD matrix elements in J/psi production at an EIC**

*Monday, May 13, 2019 4:30 PM (20 minutes)*

**Presenter:** PISANO, Cristian (CA)

**Session Classification:** Production

Contribution ID: 36

Type: **not specified**

## **Quarkonium production in p+A collisions and nPDFs**

**Presenter:** SCHIENBEIN, Ingo (IN2P3)

**Session Classification:** Quarkonium in Media

Contribution ID: 37

Type: **not specified**

## **PHENIX results**

*Tuesday, May 14, 2019 11:55 AM (25 minutes)*

**Presenter:** FRAWLEY, Anthony (Florida State University)

**Session Classification:** Quarkonium in Media

Contribution ID: **38**

Type: **not specified**

## **STAR results on in-medium quarkonium production**

*Tuesday, May 14, 2019 12:20 PM (30 minutes)*

**Presenter:** BIELCIK, Jaroslav (FNSPE CTU Prague)

**Session Classification:** Quarkonium in Media

Contribution ID: 39

Type: **not specified**

## Energy scan results from Belle

*Wednesday, May 15, 2019 2:20 PM (20 minutes)*

**Presenter:** MIZUK, Roman (Lebedev Inst.)

**Session Classification:** Spectroscopy



Contribution ID: 40

Type: **not specified**

## **B\_c spectroscopy with HISQ fermions**

*Wednesday, May 15, 2019 8:45 AM (20 minutes)*

**Presenter:** LYTTLE, Andrew (INFN Roma)

**Session Classification:** Spectroscopy

Contribution ID: 41

Type: **not specified**

## Search for excited $B_c^{**}$ at LHCb

*Wednesday, May 15, 2019 9:05 AM (15 minutes)*

**Presenter:** VELTRI, Michele (FI)

**Session Classification:** Spectroscopy

Contribution ID: 42

Type: **not specified**

## **Charmonium(-like) states at Belle**

*Wednesday, May 15, 2019 9:20 AM (20 minutes)*

**Presenter:** VINOKUROVA, Anna

**Session Classification:** Spectroscopy

Contribution ID: 43

Type: **not specified**

## **Quarkonium spectroscopy studies at CMS**

*Wednesday, May 15, 2019 9:40 AM (25 minutes)*

**Presenter:** DI FLORIO, Adriano (BA)

**Session Classification:** Spectroscopy

Contribution ID: 44

Type: **not specified**

## **Splittings of low-lying charmonium masses at the physical point**

*Wednesday, May 15, 2019 10:05 AM (20 minutes)*

**Presenter:** MOHLER, Daniel (U.Mainz)

**Session Classification:** Spectroscopy

Contribution ID: 45

Type: **not specified**

## **S-wave heavy quarkonium spectrum with N<sup>3</sup>LL accuracy**

*Wednesday, May 15, 2019 10:25 AM (20 minutes)*

**Presenter:** MORENO, Daniel (IFAE)

**Session Classification:** Spectroscopy

Contribution ID: 46

Type: **not specified**

## **Quark(onium) Transport Coefficients in Heavy Ion Collisions from EFT**

*Wednesday, May 15, 2019 11:15 AM (25 minutes)*

**Presenter:** VANDERGRIEND, Peter (TUM)

**Session Classification:** Quarkonium in Media

Contribution ID: 47

Type: **not specified**

## **Boltzmann transport+pNRQCD for onium production in AA collisions**

*Wednesday, May 15, 2019 11:40 AM (25 minutes)*

**Presenter:** YAO, Xiaojun (Duke U.)

**Session Classification:** Quarkonium in Media



Contribution ID: 48

Type: **not specified**

## Transport coefficients

*Wednesday, May 15, 2019 12:05 PM (25 minutes)*

**Presenter:** VILJAMI, Leino (TUM)

**Session Classification:** Quarkonium in Media

Contribution ID: 49

Type: **not specified**

## **P-wave heavy quarkonium spectrum with N3LL accuracy**

*Wednesday, May 15, 2019 2:00 PM (20 minutes)*

**Presenter:** PESET, Clara (TUM)

**Session Classification:** Spectroscopy

Contribution ID: 50

Type: **not specified**

## **Vector charmonium and charmoniumlike states at BESIII**

*Wednesday, May 15, 2019 2:40 PM (20 minutes)*

**Presenter:** WANG, Bin (IHEP)

**Session Classification:** Spectroscopy

Contribution ID: 51

Type: **not specified**

## **The effect of charmed sea quarks on $\psi$ -onium finestructure**

*Wednesday, May 15, 2019 3:00 PM (20 minutes)*

**Presenter:** KNECHTLI, Francesco (University of Wuppertal)

**Session Classification:** Spectroscopy

Contribution ID: 52

Type: **not specified**

## **String breaking in QCD with $N_f = 2 + 1$ fermions**

*Wednesday, May 15, 2019 3:20 PM (20 minutes)*

**Presenter:** KOCH, Vanessa (BU Wuppertal)

**Session Classification:** Spectroscopy

Contribution ID: 53

Type: **not specified**

## Doubly heavy baryons at LHCb

*Wednesday, May 15, 2019 3:40 PM (25 minutes)*

**Presenter:** XU, Menglin (Central China U.)

**Session Classification:** Spectroscopy

Contribution ID: 54

Type: **not specified**

## **Observation of a new charmonium and evidence of a new charged charmonium-like state at LHCb**

*Wednesday, May 15, 2019 4:35 PM (30 minutes)*

**Presenter:** CARDINALE, Roberta (GE)

**Session Classification:** Spectroscopy

Contribution ID: 55

Type: **not specified**

## Doubly heavy tetraquarks

**Presenter:** MATHUR, Nilmani (TIFR)

**Session Classification:** Spectroscopy



Contribution ID: 56

Type: **not specified**

## **Doubly charmed baryons from lattice QCD**

*Wednesday, May 15, 2019 5:05 PM (20 minutes)*

**Presenter:** COLLINS, Sara (University of Regensburg)

**Session Classification:** Spectroscopy

Contribution ID: 57

Type: **not specified**

## **Double-heavy tetraquark and meson resonances from lattice QCD potentials, Born-Oppenheimer approximation and S matrix unitarity**

*Wednesday, May 15, 2019 5:25 PM (20 minutes)*

**Presenter:** BICUDO, Pedro (IST Lisboa)

**Session Classification:** Spectroscopy

Contribution ID: 58

Type: **not specified**

## **News on the Zc States at BESIII**

*Wednesday, May 15, 2019 5:45 PM (20 minutes)*

**Presenter:** PING, Ronggang (Institute of High Energy Physics, CAS)

**Session Classification:** Spectroscopy

Contribution ID: 59

Type: **not specified**

## **Recent results on the X(3872) at BESIII**

*Wednesday, May 15, 2019 6:05 PM (20 minutes)*

**Presenter:** YIN, Junhao (IHEP)

**Session Classification:** Spectroscopy

Contribution ID: **60**

Type: **not specified**

## **Study of Bc decays at LHCb**

**Presenter:** TBA

**Session Classification:** Decays

Contribution ID: 61

Type: **not specified**

## **Model independent investigation of the $R_{J/\psi \eta_c}$ and ratios of decay widths of semileptonic $B_c$ decays into a P-wave charmonium**

*Thursday, May 16, 2019 9:25 AM (20 minutes)*

**Primary author:** ZHU, Rui-Lin (Nanjing NU)

**Presenter:** ZHU, Rui-Lin (Nanjing NU)

**Session Classification:** Decays

Contribution ID: 62

Type: **not specified**

## **Study Baryon properties via charmonium decays at BESIII**

*Thursday, May 16, 2019 9:45 AM (20 minutes)*

**Primary author:** WANG, Xiongfei (IHEP)

**Presenter:** WANG, Xiongfei (IHEP)

**Session Classification:** Decays

Contribution ID: 63

Type: **not specified**

## **Charmonium decays into light hadrons at BESIII**

*Thursday, May 16, 2019 10:05 AM (20 minutes)*

**Primary author:** GARZIA, Isabella (FE)

**Presenter:** GARZIA, Isabella (FE)

**Session Classification:** Decays



Contribution ID: 64

Type: **not specified**

## **Threshold Effects and the Line Shape of the X(3872) in EFT**

*Thursday, May 16, 2019 10:25 AM (20 minutes)*

**Primary author:** SCHMIDT, Marcel (TU Darmstadt)

**Presenter:** SCHMIDT, Marcel (TU Darmstadt)

**Session Classification:** Decays

Contribution ID: 65

Type: **not specified**

## **Charmonium(-like) decays at BaBar**

*Thursday, May 16, 2019 9:05 AM (20 minutes)*

**Primary author:** WORMSER, guy (LAL Orsay)

**Presenter:** WORMSER, guy (LAL Orsay)

**Session Classification:** Decays

Contribution ID: 66

Type: **not specified**

## **Search for charmoniumlike states decaying into light hadrons at BESIII**

*Thursday, May 16, 2019 11:15 AM (20 minutes)*

### **Summary**

**Primary author:** NERLING, Frank (GSI & GU Frankfurt)

**Presenter:** NERLING, Frank (GSI & GU Frankfurt)

**Session Classification:** Spectroscopy

Contribution ID: 67

Type: **not specified**

## **Charm-bottom and heavy-light tetraquarks from lattice QCD**

*Thursday, May 16, 2019 11:35 AM (20 minutes)*

**Primary author:** FRANCIS, Anthony

**Presenter:** FRANCIS, Anthony

**Session Classification:** Spectroscopy

Contribution ID: 68

Type: **not specified**

## **Computation of hybrid static potentials, flux tubes and the spectrum of heavy hybrid mesons**

*Thursday, May 16, 2019 11:55 AM (25 minutes)*

**Primary author:** WAGNER, Marc (Goethe University Frankfurt)

**Presenter:** WAGNER, Marc (Goethe University Frankfurt)

**Session Classification:** Spectroscopy

Contribution ID: 69

Type: **not specified**

## Hybrids and tetraquarks in EFTs

*Thursday, May 16, 2019 12:20 PM (20 minutes)*

**Primary author:** LAI, Wai Kin (TUM)

**Presenter:** LAI, Wai Kin (TUM)

**Session Classification:** Spectroscopy

Contribution ID: 70

Type: **not specified**

## **Tetra- and Pentaquark studies at LHCb**

*Thursday, May 16, 2019 2:00 PM (25 minutes)*

**Presenter:** ANDERLINI, Lucio (FI)

**Session Classification:** Spectroscopy

Contribution ID: 71

Type: **not specified**

## How to reconstruct Resonances

*Thursday, May 16, 2019 2:25 PM (20 minutes)*

**Primary author:** SZCZEPANIAK, Adam ( Indiana Univ.)

**Presenter:** SZCZEPANIAK, Adam ( Indiana Univ.)

**Session Classification:** Spectroscopy



Contribution ID: 72

Type: **not specified**

## **Radiative Transitions in $e^+e^-$ collisions above 4 GeV at BESIII**

*Thursday, May 16, 2019 2:45 PM (20 minutes)*

**Primary author:** LI, Peilian (University of Science and Technology of China)

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

**Session Classification:** Spectroscopy

Contribution ID: 73

Type: **not specified**

## Charmonium resonances

*Thursday, May 16, 2019 3:05 PM (20 minutes)*

**Primary author:** PRELOVSEK, Sasa (University of Ljubljana)

**Presenter:** PRELOVSEK, Sasa (University of Ljubljana)

**Session Classification:** Spectroscopy

Contribution ID: 74

Type: **not specified**

## **Differential top-antitop production at and beyond threshold**

*Thursday, May 16, 2019 3:25 PM (20 minutes)*

**Primary author:** STAHLHOFEN, Maximilian (Mainz)

**Presenter:** STAHLHOFEN, Maximilian (Mainz)

**Session Classification:** Standard Model

Contribution ID: 75

Type: **not specified**

## **EFT approach to the pair production of unstable tops near threshold**

*Thursday, May 16, 2019 3:45 PM (20 minutes)*

**Primary author:** RAUH, Thomas (Bern)

**Presenter:** RAUH, Thomas (Bern)

**Session Classification:** Standard Model

Contribution ID: 76

Type: **not specified**

## Hadronic transitions in pNRQCD

*Thursday, May 16, 2019 5:10 PM (20 minutes)*

**Primary author:** TARRUS, Jaume (Technische Universität München)

**Presenter:** TARRUS, Jaume (Technische Universität München)

**Session Classification:** Decays

Contribution ID: 77

Type: **not specified**

## **Charmonium transitions at BESIII**

*Thursday, May 16, 2019 5:30 PM (20 minutes)*

**Primary author:** ZHANG, Yateng (USTC)

**Presenter:** ZHANG, Yateng (USTC)

**Session Classification:** Decays

Contribution ID: 78

Type: **not specified**

## **The $J/\psi$ and $\psi(2S)$ decays at KEDR**

*Thursday, May 16, 2019 5:50 PM (20 minutes)*

**Presenter:** SHAMOV, Andrey (Budker INP)

**Session Classification:** Decays

Contribution ID: 79

Type: **not specified**

## **Charmonium rare decays at BESIII**

*Thursday, May 16, 2019 6:10 PM (20 minutes)*

**Primary author:** ZHENG, Bo (University of South China)

**Presenter:** ZHENG, Bo (University of South China)

**Session Classification:** Decays



Contribution ID: **80**

Type: **not specified**

## **Radiative Transitions in Charmonium from lattice QCD**

*Thursday, May 16, 2019 6:30 PM (20 minutes)*

**Primary author:** RYAN, Sinead (Trinity College Dublin)

**Presenter:** RYAN, Sinead (Trinity College Dublin)

**Session Classification:** Decays

Contribution ID: **81**

Type: **not specified**

## **etac decays at BESIII**

*Thursday, May 16, 2019 8:45 AM (20 minutes)*

**Primary author:** SUN, Zhentian (IHEP)

**Presenter:** SUN, Zhentian (IHEP)

**Session Classification:** Decays

Contribution ID: 82

Type: **not specified**

## **Quarkonium radiative decays from the Hadronic Paschen-Back effect**

*Friday, May 17, 2019 8:45 AM (20 minutes)*

**Primary author:** SUZUKI, Kei (RIKEN)

**Presenter:** SUZUKI, Kei (RIKEN)

**Session Classification:** Decays

Contribution ID: **83**

Type: **not specified**

## **Bottomonium transitions at Belle**

*Friday, May 17, 2019 9:05 AM (20 minutes)*

**Primary author:** FULSOM, Bryan (PNNL)

**Presenter:** FULSOM, Bryan (PNNL)

**Session Classification:** Decays

Contribution ID: **84**

Type: **not specified**

## **Bottomonium decays at Belle**

*Friday, May 17, 2019 9:25 AM (20 minutes)*

**Primary author:** YIN, Junhao (IHEP)

**Presenter:** YIN, Junhao (IHEP)

**Session Classification:** Decays

Contribution ID: 85

Type: **not specified**

## Upsilon decays at BaBar

*Friday, May 17, 2019 9:45 AM (20 minutes)*

**Primary author:** PATRIGNANI, Claudia (Universita e INFN, Bologna (IT))

**Presenter:** PATRIGNANI, Claudia (Universita e INFN, Bologna (IT))

**Session Classification:** Decays

Contribution ID: 86

Type: **not specified**

## **Line shapes of the Zb(10610) and Zb(10650) in the elastic and inelastic channels revisited**

*Friday, May 17, 2019 10:05 AM (20 minutes)*

**Primary author:** BARU, Vadim (U.Bonn)

**Presenter:** BARU, Vadim (U.Bonn)

**Session Classification:** Decays

Contribution ID: 87

Type: **not specified**

## New results from Feynmonium

*Friday, May 17, 2019 10:25 AM (20 minutes)*

**Primary author:** SHTABOVENKO, Vladislav (TUM)

**Presenter:** SHTABOVENKO, Vladislav (TUM)

**Session Classification:** Decays



Contribution ID: **88**

Type: **not specified**

## **alpha\_s determination from static potential: OPE with renormalon subtraction and lattice QCD**

*Friday, May 17, 2019 11:15 AM (20 minutes)*

**Primary author:** SUMINO, Yukinari (Tohoku University)

**Presenter:** SUMINO, Yukinari (Tohoku University)

**Session Classification:** Standard Model

Contribution ID: **89**

Type: **not specified**

## **Two $\alpha_s$ determinations from lattice QCD**

*Friday, May 17, 2019 11:35 AM (20 minutes)*

**Primary author:** WEBER, Johannes Heinrichy (Michigan State Universit)

**Presenter:** WEBER, Johannes Heinrichy (Michigan State Universit)

**Session Classification:** Standard Model

Contribution ID: **90**

Type: **not specified**

## **R measurement at KEDR**

*Friday, May 17, 2019 11:55 AM (20 minutes)*

**Primary author:** SHAMOV, Andrey (Budker INP)

**Presenter:** SHAMOV, Andrey (Budker INP)

**Session Classification:** Standard Model

Contribution ID: **91**

Type: **not specified**

## **R measurement at BESIII**

*Friday, May 17, 2019 12:15 PM (20 minutes)*

### **Summary**

**Presenter:** PING, Ronggang (Institute of High Energy Phtsics, CAS)

**Session Classification:** Standard Model

Contribution ID: 92

Type: **not specified**

## **Radiative Higgs decays to quarkonium**

*Friday, May 17, 2019 12:35 PM (20 minutes)*

**Primary author:** CHUNG, Hee Sok (Technical University of Munich)

**Presenter:** CHUNG, Hee Sok (Technical University of Munich)

**Session Classification:** Standard Model

Contribution ID: 93

Type: **not specified**

## **The charm/bottom quark mass from heavy quarkonium at N3LO**

*Thursday, May 16, 2019 4:30 PM (20 minutes)*

**Primary author:** PESET, Clara (TUM)

**Presenter:** PESET, Clara (TUM)

**Session Classification:** Standard Model

Contribution ID: 94

Type: **not specified**

## **Quark masses: the minimally subtracted mass and results from lattice QCD**

*Thursday, May 16, 2019 4:50 PM (20 minutes)*

**Primary author:** KRONFELD, Andreas (Fermilab)

**Presenter:** KRONFELD, Andreas (Fermilab)

**Session Classification:** Standard Model

Contribution ID: 95

Type: **not specified**

## **Super tau-charm factory at Novosibirsk**

*Friday, May 17, 2019 2:20 PM (20 minutes)*

**Primary author:** EIDELMAN, Simon (Budker Institute of Nuclear Physics)

**Presenter:** EIDELMAN, Simon (Budker Institute of Nuclear Physics)

**Session Classification:** Future Opportunities



Contribution ID: **96**

Type: **not specified**

## **BESIII future plans**

*Friday, May 17, 2019 2:40 PM (20 minutes)*

**Primary author:** GRADL, Wolfgang (University of Edinburgh)

**Presenter:** GRADL, Wolfgang (University of Edinburgh)

**Session Classification:** Future Opportunities

Contribution ID: 97

Type: **not specified**

## **Perspectives for hadron spectroscopy at LHCb**

*Friday, May 17, 2019 2:00 PM (20 minutes)*

**Primary author:** PAPPAGALLO, Marco Ignazio (BA)

**Presenter:** PAPPAGALLO, Marco Ignazio (BA)

**Session Classification:** Future Opportunities

Contribution ID: 98

Type: **not specified**

## **BelleII prospects in quarkonium physics**

*Friday, May 17, 2019 3:00 PM (20 minutes)*

**Primary author:** CHILIKIN, Kirill

**Presenter:** CHILIKIN, Kirill

**Session Classification:** Future Opportunities

Contribution ID: 99

Type: **not specified**

## **Precision resonance energy scans at PANDA – Sensitivity study for width & line shape measurements of X(3872)**

*Friday, May 17, 2019 3:20 PM (20 minutes)*

### **Summary**

**Primary author:** NERLING, Frank (GSI)

**Presenter:** NERLING, Frank (GSI)

**Session Classification:** Future Opportunities

Contribution ID: **100**

Type: **not specified**

## **Future Fixed Target Experiments at LHC**

**Presenter:** ECHEVARRIA, Miguel (Nikhef)

**Session Classification:** Future Opportunities

Contribution ID: **101**

Type: **not specified**

## **Quarkonium production in p+A collisions and nPDFs**

*Tuesday, May 14, 2019 5:20 PM (20 minutes)*

**Presenter:** SHAO, Hua-Sheng (LPTHE Paris)

**Session Classification:** Quarkonium in Media

Contribution ID: **102**

Type: **not specified**

## **European Strategy for Particle Physics : news from Granada**

*Friday, May 17, 2019 3:40 PM (20 minutes)*

**Presenter:** PASTRONE, Nadia (TO)

**Session Classification:** Future Opportunities