

**Lattice Meets Continuum:
QCD Calculations in Flavour
Physics - 2nd Workshop**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Intro Remarks

Monday 18 September 2017 08:50 (10 minutes)

Presenter: MANNEL, Thomas (Siegen University)

Contribution ID: 3

Type: **not specified**

Form factor parameterization and HQS in $B \rightarrow D^* l \nu$ (20y later)

Monday 18 September 2017 15:40 (40 minutes)

Presenter: GAMBINO, paolo (università di torino)

Session Classification: Heavy-To-Heavy Transitions

Contribution ID: 4

Type: **not specified**

Inclusive B decay calculation on the lattice

Monday 18 September 2017 16:20 (40 minutes)

Presenter: HASHIMOTO, Shoji (KEK)

Session Classification: Heavy-To-Heavy Transitions

Contribution ID: 5

Type: **not specified**

Short Remarks/Farewell

Wednesday 20 September 2017 17:10 (10 minutes)

Presenters: FELDMANN, Thorsten (University Siegen); KRONFELD, Andreas (Fermilab); MANNEL, Thomas (Siegen University)

Contribution ID: 6

Type: **not specified**

Farewell

Presenter: MANNEL, Thomas (Siegen University)

Contribution ID: 7

Type: **not specified**

A lattice study of decoupling of the charm quark

Monday 18 September 2017 09:00 (40 minutes)

Presenter: KNECHTLI, Francesco Giacomo (Bergische Universitaet Wuppertal (DE))

Session Classification: HQE Matrix Elements

Contribution ID: 8

Type: **not specified**

HQET Operators of Dimension 8 and Above

Monday 18 September 2017 09:40 (40 minutes)

Presenter: PAZ, Gil (Wayne State University)

Session Classification: HQE Matrix Elements

Contribution ID: 9

Type: **not specified**

QCD calculations of heavy baryon form factors

Monday 18 September 2017 10:40 (40 minutes)

Presenter: WANG, Yu-Ming (TU Munich)

Session Classification: Baryon Transitions

Contribution ID: **10**

Type: **not specified**

Heavy baryon decay form factors from lattice QCD

Monday 18 September 2017 11:20 (40 minutes)

Presenter: Prof. MEINEL, Stefan (University of Arizona / RIKEN BNL Research Center)

Session Classification: Baryon Transitions

Contribution ID: **11**

Type: **not specified**

tba

Presenter: JUTTNER, Andreas (University of Southampton (GB))

Session Classification: Baryon Transitions

Contribution ID: 12

Type: **not specified**

Semi-leptonic B and B_s meson decays

Monday 18 September 2017 13:20 (40 minutes)

Presenter: WITZEL, Oliver (University of Edinburgh)

Session Classification: Heavy-To-Light Transitions

Contribution ID: 13

Type: **not specified**

Heavy-to-Light Form Factors from LCSRs: Status and Perspectives

Monday 18 September 2017 14:00 (40 minutes)

Presenter: RUSOV, Aleksey

Session Classification: Heavy-To-Light Transitions

Contribution ID: 14

Type: **not specified**

Lattice QCD calculations of the $B \rightarrow D^*$ form factor

Monday 18 September 2017 17:00 (40 minutes)

Presenter: WINGATE, Matthew (University of Cambridge)

Session Classification: Heavy-To-Heavy Transitions

Contribution ID: 15

Type: **not specified**

Non-local effects in excl. $b \rightarrow q l l$ decays

Tuesday 19 September 2017 09:00 (40 minutes)

Presenter: VIRTO, Javier (University of Bern)

Session Classification: Unstable Hadrons, Non-Local Effects

Contribution ID: 16

Type: **not specified**

Three-particle dynamics on the lattice

Tuesday 19 September 2017 09:40 (30 minutes)

Presenter: RUSSETSKY, A.

Session Classification: Unstable Hadrons, Non-Local Effects

Contribution ID: 17

Type: **not specified**

Dispersive Analysis of Mesonic 3-Body Decays

Tuesday 19 September 2017 10:10 (30 minutes)

Presenter: ISKEN, Tobias (HISKP, University of Bonn)

Session Classification: Unstable Hadrons, Non-Local Effects

Contribution ID: **18**

Type: **not specified**

B-meson distribution amplitudes

Tuesday 19 September 2017 11:00 (40 minutes)

Presenter: BRAUN, Vladimir (University of Regensburg)

Session Classification: LCDAs

Contribution ID: 19

Type: **not specified**

The pion distribution amplitude from Euclidean correlation functions

Tuesday 19 September 2017 11:40 (40 minutes)

Presenter: Prof. BALI, Gunnar (Universität Regensburg)

Session Classification: LCDAs

Contribution ID: 20

Type: **not specified**

New physics in R_D^*

Tuesday 19 September 2017 13:40 (40 minutes)

Presenter: FAJFER, S (Univ. of Ljubljana and Inst. J. Stefan)

Session Classification: Current Topics I

Contribution ID: 21

Type: **not specified**

The $\pi \rightarrow \gamma^* \gamma^*$ transition form factor and the hadronic light-by-light contribution to the $(g - 2)_\mu$

Tuesday 19 September 2017 14:20 (40 minutes)

Presenter: GERARDIN, A.

Session Classification: Current Topics I

Contribution ID: 22

Type: **not specified**

Perturbative calculations for $K \rightarrow \pi\pi$ and K^*/K

Wednesday 20 September 2017 09:00 (40 minutes)

Presenter: GORBAHN, Martin (Liverpool University)

Session Classification: Light Quarks and Mesons

Contribution ID: 23

Type: **not specified**

Recent advances in direct CP violation in $K \rightarrow \pi\pi$

Wednesday 20 September 2017 09:40 (40 minutes)

Presenter: SONI, AMARJIT (BNL)

Session Classification: Light Quarks and Mesons

Contribution ID: 24

Type: **not specified**

Heavy quark spectroscopy from the lattice: progress and prospects

Wednesday 20 September 2017 11:20 (40 minutes)

Presenter: RYAN, Sinead (Trinity College Dublin)

Session Classification: Quarkonia-Like Spektroskopie

Contribution ID: 25

Type: **not specified**

Multiquark Hadrons - Current Status and Issues

Wednesday 20 September 2017 12:00 (40 minutes)

Presenter: ALI, Ahmed (DESY)

Session Classification: Quarkonia-Like Spektroskopie

Contribution ID: 26

Type: **not specified**

Determination of the QCD Coupling

Wednesday 20 September 2017 14:40 (30 minutes)

Presenter: KORZEC, Tomasz

Session Classification: Current Topics II

Contribution ID: 27

Type: **not specified**

Quark masses and Dashen's theorem

Wednesday 20 September 2017 14:00 (40 minutes)

Presenter: DURR, Stephan (JSC at FZ Juelich and Wuppertal University)

Session Classification: Current Topics II

Contribution ID: 28

Type: **not specified**

Future developments of Light-Cone Sum Rules - Prospects for global determinations of $|V_{ub}|$

Wednesday 20 September 2017 15:50 (40 minutes)

Presenter: VAN DYK, Danny (University of Zurich (CH))

Session Classification: Global Correlations

Contribution ID: 29

Type: **not specified**

Puttin' on the HISQ

Wednesday 20 September 2017 16:30 (40 minutes)

Presenter: KRONFELD, Andreas (Fermilab)

Session Classification: Global Correlations

Contribution ID: **30**

Type: **not specified**

tba

Presenter: MEYER, Harvey Byron

Session Classification: Global Correlations

Contribution ID: **31**

Type: **not specified**

Rare Kaon decays on the lattice

Wednesday 20 September 2017 10:20 (40 minutes)

Presenter: JUTTNER, Andreas (University of Southampton (GB))

Session Classification: Light Quarks and Mesons

Contribution ID: 32

Type: **not specified**

Semi-leptonic Penguin Decays

Monday 18 September 2017 14:40 (40 minutes)

Presenter: HURTH, Tobias (Johannes-Gutenberg-Universitaet Mainz (DE))

Session Classification: Heavy-To-Light Transitions

Contribution ID: 33

Type: **not specified**

The width difference among B_s mesons: towards NNLO

Wednesday 20 September 2017 15:10 (20 minutes)

Presenter: Prof. NIERSTE, Ulrich (KIT)

Session Classification: Current Topics II

Contribution ID: **34**

Type: **not specified**

Test

Presenter: LANGE, Bjorn O. (Siegen University)