

# 6th QFET Workshop

## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **Status of the QCD Sum Rule Calculation of the HQE Matrix Elements**

*Monday 18 January 2016 09:40 (20 minutes)*

**Presenter:** HEINONEN, Johannes (Universität Siegen)

**Session Classification:** Project 1

Contribution ID: 3

Type: **not specified**

## **Status of B-Bbar-Mixing Calculation**

*Monday 18 January 2016 10:00 (20 minutes)*

**Presenter:** KLEIN, Rebecca

**Session Classification:** Project 1

Contribution ID: 4

Type: **not specified**

## **Status of the $B \rightarrow X \tau \nu$ Calculation**

*Monday 18 January 2016 10:20 (20 minutes)*

**Presenter:** SHAHRIARAN, Farnoush

**Session Classification:** Project 1

Contribution ID: 13

Type: **not specified**

## Higher-Order Wilson Coefficients for $c \rightarrow u$ Transitions in the SM

*Monday 18 January 2016 13:30 (20 minutes)*

**Presenter:** MÜLLER, Bastian (Universität Siegen)

**Session Classification:** Project 4

Contribution ID: **16**

Type: **not specified**

## **Direct Probes of FCNCs in e+e- Collisions**

*Monday 18 January 2016 13:50 (20 minutes)*

**Presenter:** KHODJAMIRIAN, Alexander (University of Siegen)

**Session Classification:** Project 4

Contribution ID: **20**

Type: **not specified**

## **Status and Results of the NNLO Penguin Amplitudes**

*Monday 18 January 2016 14:50 (20 minutes)*

**Presenter:** HUBER, Tobias (University of Siegen)

**Session Classification:** Project 5

Contribution ID: 22

Type: **not specified**

## **Flavour- and CP-Violation in an S4 x SU(5) SUSY GUT**

*Monday 18 January 2016 15:30 (20 minutes)*

**Presenter:** LUHN, Christoph (University of Siegen)

**Session Classification:** Project 6

Contribution ID: 25

Type: **not specified**

## Welcome

*Monday 18 January 2016 09:30 (10 minutes)*

**Presenter:** MANNEL, Thomas (Siegen University)

Contribution ID: **26**

Type: **not specified**

## Factorization in SCET-II

*Monday 18 January 2016 10:40 (20 minutes)*

**Presenter:** BELL, Guido

**Session Classification:** Project 2

Contribution ID: 27

Type: **not specified**

## RG-Evolution of the B-Meson LCDA

*Monday 18 January 2016 11:00 (20 minutes)*

**Presenter:** RANGE, Bjorn O. (Siegen University)

**Session Classification:** Project 2

Contribution ID: **28**

Type: **not specified**

## **B -> pi pi Form Factors at Small Dipion Mass**

*Monday 18 January 2016 11:20 (20 minutes)*

**Presenter:** KHODJAMIRIAN, Alexander (University of Siegen)

**Session Classification:** Project 3

Contribution ID: **29**

Type: **not specified**

## **New Higher-Twist Corrections to LCSR<sub>s</sub> for $B \rightarrow \pi$ Form Factor**

*Monday 18 January 2016 11:40 (20 minutes)*

**Presenter:** RUSOV, Aleksey

**Session Classification:** Project 3

Contribution ID: **30**

Type: **not specified**

## **Status fo B -> 3 pi and B -> D pi**

*Monday 18 January 2016 14:10 (20 minutes)*

**Presenter:** VIRTO, Javier (Universitat Siegen)

**Session Classification:** Project 5

Contribution ID: 31

Type: **not specified**

## Phenomenology and Possible Add-Ons of $B \rightarrow D \pi$

Monday 18 January 2016 14:30 (20 minutes)

**Presenter:** KRAENKL, Susanne (University of Siegen)

## Session Classification: Project 5

Contribution ID: 32

Type: **not specified**

## **Flavor and New Physics Opportunity with Rare Charm Decays into Leptons**

*Monday 18 January 2016 15:10 (20 minutes)*

**Presenter:** DE BOER, Stefan

**Session Classification:** Project 6

Contribution ID: 33

Type: **not specified**

## **EFT for Dark-Matter Direct Detection**

*Monday 18 January 2016 13:00 (20 minutes)*

**Presenter:** BROD, Joachim (Johannes-Gutenberg-Universitaet Mainz)

**Session Classification:** Additional New QFET Project