

# **4th QFET Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## $\mu_{G^2} \alpha_s$

*Monday, 8 December 2014 10:00 (15 minutes)*

**Presenter:** ROSENTHAL, Denis (Universität Siegen)

**Session Classification:** Project 1

Contribution ID: 1

Type: **not specified**

## **B-B Mixing**

*Monday, 8 December 2014 10:15 (15 minutes)*

**Presenter:** PIVOVAROV, Alexei

**Session Classification:** Project 1

Contribution ID: 2

Type: **not specified**

## **Semileptonic B Decays into Excited D's**

*Monday, 8 December 2014 10:30 (15 minutes)*

**Presenter:** KLEIN, Rebecca (Uni Siegen)

**Session Classification:** Project 1

Contribution ID: 3

Type: **not specified**

## Discussion

*Monday, 8 December 2014 10:45 (15 minutes)*

**Presenters:** MANNEL, Thomas (Siegen U); MANNEL, Thomas (Siegen University)

**Session Classification:** Project 1

Contribution ID: 4

Type: **not specified**

## **$B \rightarrow \pi$ Form Factor from LCSR: Statistical Analysis and Use for $V_{ub}$ Determination**

*Monday, 8 December 2014 11:15 (15 minutes)*

**Presenter:** Dr VAN DYK, Danny (Siegen University)

**Session Classification:** Project 3

Contribution ID: 5

Type: **not specified**

## **First Results for $B \rightarrow \pi \ell \nu_{\ell}$ Form Factors at Small Dipion Mass from LCSR**

*Monday, 8 December 2014 11:30 (15 minutes)*

**Presenter:** HAMBROCK, Christian

**Session Classification:** Project 3

Contribution ID: 6

Type: **not specified**

## Discussion

*Monday, 8 December 2014 11:45 (15 minutes)*

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

**Session Classification:** Project 3



Contribution ID: 7

Type: **not specified**

**c→ufl**

*Monday, 8 December 2014 12:00 (15 minutes)*

**Presenter:** DE BOER, Stefan

**Session Classification:** Project 4

Contribution ID: 8

Type: **not specified**

## QCD Corrections in $c \rightarrow u\ell\ell$

*Monday, 8 December 2014 12:15 (15 minutes)*

**Presenter:** SEIDEL, Dirk (Universität Siegen)

**Session Classification:** Project 4

Contribution ID: 9

Type: **not specified**

## **R<sub>K</sub>, R<sub>K</sub>\***

*Monday, 8 December 2014 13:15 (15 minutes)*

**Presenter:** HILLER, Gudrun (Technische Universitaet Dortmund (DE))

**Session Classification:** Project 4

Contribution ID: **10**

Type: **not specified**

## **$B \rightarrow K\pi\ell\ell$**

*Monday, 8 December 2014 13:30 (15 minutes)*

**Presenter:** DAS, Diganta (TU Dortmund)

**Session Classification:** Project 4

Contribution ID: 11

Type: **not specified**

## Symmetry Relations for $B \rightarrow K^* (\rightarrow K\pi) \ell\ell$

*Monday, 8 December 2014 13:45 (15 minutes)*

**Presenter:** DAS, Diganta (TU Dortmund)

**Session Classification:** Project 4

Contribution ID: 12

Type: **not specified**

## Discussion

*Monday, 8 December 2014 14:00 (15 minutes)*

**Presenter:** HILLER, Gudrun (Technische Universitaet Dortmund (DE))

**Session Classification:** Project 4

Contribution ID: 13

Type: **not specified**

## **$B \rightarrow 3\pi$**

*Monday, 8 December 2014 14:15 (15 minutes)*

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

**Session Classification:** Project 5

Contribution ID: 14

Type: **not specified**

## QCD Penguins in Non-leptonic Decays

*Monday, 8 December 2014 14:30 (15 minutes)*

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

**Session Classification:** Project 5



Contribution ID: 15

Type: **not specified**

## Status of $B \rightarrow \pi\pi\ell\nu_{\ell}$ at Large Dipion Masses

*Monday, 8 December 2014 14:45 (15 minutes)*

**Presenters:** FELDMANN, Thorsten (University Siegen); FELDMANN, Thorsten (Unknown)

**Session Classification:** Project 5

Contribution ID: 16

Type: **not specified**

## Discussion

*Monday, 8 December 2014 15:00 (15 minutes)*

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

**Session Classification:** Project 5

Contribution ID: 17

Type: **not specified**

## **Testing Solar Lepton Mixing Sum Rules in Neutrino Oscillation Experiments**

*Monday, 8 December 2014 15:30 (15 minutes)*

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

**Session Classification:** Project 6

Contribution ID: **18**

Type: **not specified**

## **Flavour Model Based on Pati-Salam Unification**

*Monday, 8 December 2014 15:45 (15 minutes)*

**Presenter:** HARTMANN, Florian (Universität Siegen)

**Session Classification:** Project 6

Contribution ID: 19

Type: **not specified**

## Status of Polarized $\tau$ -Decays into 3 Leptons

*Monday, 8 December 2014 16:00 (15 minutes)*

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

**Session Classification:** Project 6

Contribution ID: 20

Type: **not specified**

## Discussion

*Monday, 8 December 2014 16:15 (15 minutes)*

**Presenter:** FELDMANN, Thorsten (University Siegen)

**Session Classification:** Project 6