

**Colour meets Flavour:  
Quantum Chromodynamics  
<br> and Quark Flavour  
Physics**



**Report of Contributions**

Contribution ID: 23

Type: **Talk**

## The $\Lambda_b$ Lifetime

*Thursday, 13 October 2011 09:30 (20 minutes)*

**Presenter:** LENZ, Alexander (TU Munich)

**Session Classification:** Morning Session

Contribution ID: 24

Type: **Talk**

## Theory of B $\rightarrow$ K(\*) l+l- Decays at High $q^2$

*Thursday, 13 October 2011 09:50 (20 minutes)*

**Presenter:** BUCHALLA, Gerhard

**Session Classification:** Morning Session

Contribution ID: 25

Type: **Talk**

## **QCD Corrections to Kaon Mixing**

*Thursday, 13 October 2011 10:10 (20 minutes)*

**Presenter:** Dr GORBAHN, Martin (TTP Uni Karlsruhe)

**Session Classification:** Morning Session

Contribution ID: 26

Type: **Talk**

## Charm Decays and Mixing

*Thursday, 13 October 2011 11:00 (30 minutes)*

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

**Session Classification:** Morning Session

Contribution ID: 27

Type: **Talk**

# **Signatures of Light Color Scalar in Low-Energy Phenomenology**

*Thursday, 13 October 2011 11:30 (20 minutes)*

**Presenter:** FAJFER, Svetlana (Unknown)

**Session Classification:** Morning Session

Contribution ID: 28

Type: **Talk**

## **Precise Light Quark Masses from Lattice QCD in the RI/SMOM Scheme**

*Thursday, 13 October 2011 11:50 (20 minutes)*

**Presenter:** Dr JÄGER, Sebastian (Munich University)

**Session Classification:** Morning Session

Contribution ID: 29

Type: **not specified**

## Short Welcoming Speech

*Thursday, 13 October 2011 09:00 (30 minutes)*

**Presenters:** HARING BOLIVAR, Peter (Universität Siegen); MANNEL, Thomas (Siegen U)

**Session Classification:** Morning Session



Contribution ID: **30**

Type: **Talk**

## **Hunting New Animalcula with Flavour**

*Thursday, 13 October 2011 13:30 (30 minutes)*

**Presenter:** BURAS, Andrzej (Technical University Munich)

**Session Classification:** Afternoon Session

Contribution ID: **31**

Type: **Talk**

## **CP Violation and Lattice Matrix Elements: A Thirty Years Saga**

*Thursday, 13 October 2011 14:00 (30 minutes)*

**Presenter:** SONI, Amarjit (BNL)

**Session Classification:** Afternoon Session

Contribution ID: 32

Type: **Talk**

## **QCD Calculations for New-Physics Searches**

*Thursday, 13 October 2011 14:30 (30 minutes)*

**Presenter:** NIERSTE, Ulrich (Karlsruhe Institute of Technology (KIT))

**Session Classification:** Afternoon Session

Contribution ID: 33

Type: **Talk**

## **Kinematic Power Corrections in Hard Exclusive Processes**

*Thursday, 13 October 2011 15:30 (20 minutes)*

**Presenter:** BRAUN, Vladimir (Regensburg University)

**Session Classification:** Afternoon Session

Contribution ID: 34

Type: **Talk**

# **Conformal Symmetry Constraints on the Renormalisation of Heavy-Light Light-Ray Operators**

*Thursday, 13 October 2011 16:10 (20 minutes)*

**Presenter:** Dr OFFEN, Nils (Universität Regensburg)

**Session Classification:** Afternoon Session

Contribution ID: 35

Type: **Talk**

## **Chiral Symmetry at High Energies: Hard Pion ChPT**

*Thursday, 13 October 2011 15:50 (20 minutes)*

**Presenter:** BIJNENS, Johan (Experimentalphysik)

**Session Classification:** Afternoon Session

Contribution ID: 36

Type: **Talk**

# Theory of Strong Interactions: Four Decades of Development

*Thursday, 13 October 2011 17:15 (1 hour)*

**Presenter:** SHIFMAN, Michael (Tate Lab.of Phys.,Theor. Phys.Inst. - University of Minnesota)

**Session Classification:** Colloquium

Contribution ID: 37

Type: **Talk**

# Heavy-to-light Form Factors in Soft-Collinear Effective Theory

*Friday, 14 October 2011 09:00 (30 minutes)*

**Presenter:** FELDMANN, Thorsten (Technical University Munich)

**Session Classification:** Morning Session



Contribution ID: **38**

Type: **Talk**

## **B -> gamma l nu and the B Meson Distribution Amplitude**

*Friday, 14 October 2011 09:30 (30 minutes)*

**Presenter:** BENEKE, Martin (Stanford University)

**Session Classification:** Morning Session

Contribution ID: 39

Type: **Talk**

## **Magnetic and Electric Dipole Moments**

*Friday, 14 October 2011 10:00 (30 minutes)*

**Presenter:** VAINSHTEIN, Arkady (University of Minnesota)

**Session Classification:** Morning Session

Contribution ID: 40

Type: **Talk**

## **New Charmonium- and Bottomonium-like States Discovered by Belle**

*Friday, 14 October 2011 11:00 (30 minutes)*

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

**Session Classification:** Morning Session

Contribution ID: 41

Type: **Talk**

## **Recent Developments in the Spectroscopy of Open Charm Mesons**

*Friday, 14 October 2011 11:30 (20 minutes)*

**Presenter:** DE FAZIO, Fulvia (Univ. + INFN)

**Session Classification:** Morning Session

Contribution ID: 42

Type: **Talk**

## **Anomalous AVV Correlation Function in a Holographic Model of QCD**

*Friday, 14 October 2011 11:50 (20 minutes)*

**Presenter:** COLANGELO, Pietro (Unknown)

**Session Classification:** Morning Session

Contribution ID: 43

Type: **Talk**

## **Electric Dipole Moments in Two-Higgs-Doublet Models**

*Friday, 14 October 2011 13:30 (20 minutes)*

**Presenter:** JUNG, Martin (IFIC)

**Session Classification:** Afternoon Session

Contribution ID: 44

Type: **Talk**

## **Puzzling B -> PP Decays**

*Friday, 14 October 2011 13:50 (20 minutes)*

**Presenter:** MELIC, Blazenka (IRB, Zagreb)

**Session Classification:** Afternoon Session

Contribution ID: 45

Type: **Talk**

## On $\eta$ - $\eta'$ Mixing

*Friday, 14 October 2011 14:10 (20 minutes)*

**Presenter:** RICCIARDI, Giulia (Dipartimento di Scienze Fisiche Università di Napoli Federico II)

**Session Classification:** Afternoon Session



Contribution ID: 46

Type: **Talk**

## **Signatures of the Conformal Window**

*Friday, 14 October 2011 14:30 (20 minutes)*

**Presenter:** ZWICKY, Roman (Institut für Theoretische Physik)

**Session Classification:** Afternoon Session

Contribution ID: 47

Type: **Talk**

## **Double Ratios in (Rare) Semi-Leptonic Decays and New Physics**

*Friday, 14 October 2011 14:50 (20 minutes)*

**Presenter:** TURCZYK, Sascha

**Session Classification:** Afternoon Session