

Program

Tuesday, February 9, 2016

17:00 – 21:00 Registration

From 18:30 *DINNER / Informal get together*

Wednesday, February 10, 2016

07:30 *BREAKFAST*

08:15 – 08:30 Javier Virto

Welcome and opening

Review: Theory and Experiment

08:30 – 09:20 Guido Bell

Theory of non-leptonic B decays

09:20 – 10:10 Veronika Chobanova

Experimental overview of hadronic B decays

10:10 – 10:40 *COFFEE BREAK*

Two-Body I

10:40 – 11:25 Sébastien
Descotes-Genon

Global CKM fits and non-leptonic B decays

11:25 – 12:10 Ulrich Nierste

Precise predictions for penguin contributions to CP asymmetries in B decays

12:10 – 12:20 **Conference Photo** (in front of the Lecture Hall)

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Wednesday, February 10, 2016

12:20 *LUNCH*

Two-Body II

13:50 – 14:40 Martin Jung

Precision determinations of the weak B meson mixing phases including "penguin pollution"

14:40 – 15:30 Alakabha Datta

Probing CP violation in two-body non-leptonic B decays

15:30 – 16:00 *COFFEE BREAK*

Non-Leptonic K decays

16:00 – 16:45 Christopher Sachrajda

Lattice computations of nonleptonic kaon decay amplitudes and the lessons for hadronic B -decays

16:45 – 17:30 Martin Gorbahn

Perturbative calculations for ϵ'/ϵ

18:30 *DINNER*

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Thursday, February 11, 2016

07:30 *BREAKFAST*

Three-Body I

08:30 – 09:20 Thomas Edward
 Latham

Experimental results from B decays to charmless and open-charm 3-body final states

09:20 – 10:10 Thomas Mannel

Three-body non-leptonic B decays and QCD Factorization

10:10 – 10:40 *COFFEE BREAK*

B to ppi form factors

10:40 – 11:25 Danny van Dyk

$B \rightarrow \pi\pi$ Form Factors: Overview and Results at Large Dipion Masses

11:25 – 12:10 Alexander
 Khodjamirian

Form factors of $B \rightarrow \pi\pi$ transitions from QCD light-cone sum rules

12:10 *LUNCH*

13:35 – 13:50 Ernst Dreisigacker

About the Wilhelm and Else Heraeus Foundation

Two-pion systems

13:50 – 14:40 Pablo Roig Garcés

Two-meson form factors from dispersion relations

14:40 – 15:30 Pere Masjuan

Padé Theory: A toolkit for hadronic form factors

15:30 – 16:00 *COFFEE BREAK*

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Thursday, February 11, 2016

Three-Body II

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|---------------|--|--|
| 16:00 – 16:45 | Bastian Kubis | Dispersive methods in heavy-meson decays |
| 16:45 – 17:30 | Ignacio
De Bediaga Hickman | CP violation and CPT invariance in charmless three-body B decays |
| 17:30 – 18:15 | Hai-Yang Cheng | Branching fractions and CP violation in hadronic three-body B decays |
| 18:15 – 18:30 | Patricia Magalhães | Final state interaction on $B^+ \rightarrow \pi^+\pi^-\pi^+$ |
| 19:15 | <i>HERAEUS DINNER
(cold & warm buffet, free beverages)</i> | |

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Friday, February 12, 2016

07:30 *BREAKFAST*

Mixed Two/Three Body

08:30 – 09:20 Luis Alejandro
 Perez Perez

**Phenomenology of $B \rightarrow K\pi\pi$ modes
and prospects with LHCb and Belle II
data**

09:20 – 10:10 Martin Beneke

**QCD factorization in non-leptonic B
decays: status of phenomenology and
challenges**

10:10 – 10:40 *COFFEE BREAK*

Two-Body III

10:40 – 11:25 Yu-Ming Wang

Power corrections in B decays

11:25 – 12:10 Christoph Bobeth

**Charmless $B \rightarrow MM$ in QCDF: weak
annihilation from data**

Closing session

12:10 – 12:40 Javier Virto
 Tobias Huber

Summary Talk

12:40 – 14:20 *LUNCH*

End of the seminar and departure