

Session Program

9-12 Apr 2013



SM@LHC 2013

Top quark and flavour physics

Freiburg, Großer Hörsaal Physik
Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

Thursday 11 April

14:00

Top quark and flavour physics

Session |

Location: Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

14:00–14:20 **Heavy flavour theory overview**

Speaker

Alexander Lenz

14:20–14:40 **Heavy flavour production and spectroscopy**

Speaker

Luca Perrozzi

14:40–15:00 **Rare decays**

Speaker

Thomas Blake

15:00–15:20 **CP-violation**

Speaker

Ulrich Uwer

15:20–15:40 **Discussion**

15:40–16:10 **Coffee break**

16:10–16:30 **Top quark theory overview**

Speakers

Michal Czakon, Michal Czakon

16:30–16:50 **Monte Carlo modelling issues in top physics**

Speakers

Jan Winter, Jan-Christopher Winter, Jan-Christopher Winter

16:50–17:10 **Top pair production**

Speaker

Maria Aldaya Martin

17:10–17:30 **Single top production**

Speaker

Kevin Sapp

18:00

Friday 12 April

09:00

Top quark and flavour physics

Session |

Location: Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

09:00–09:20 **Top mass theory overview**

Speaker

Sven-Olaf Moch

09:20–09:40 **Top mass measurement with 'standard' methods**

Speaker

Markus Seidel

09:40–10:00 **Prospects for future top mass measurements and combinations**

Speakers

Un Ki Yang, Dr Un-ki Yang

10:00–10:15 **Discussion**

10:15–10:45 **Coffee break**

10:45–11:05 **Top and BSM physics - theory overview**

Speakers

Gilad Perez, Dr Gilad Perez

11:05–11:25 **Top production asymmetry (A_{FB}) measurements**

Speaker

Chang-Seong Moon

11:25–11:45

Top and new physics (spin correlations, search for resonances, boosted tops)

Speakers

Benjamin Clifford Auerbach, Benjamin Clifford Auerbach

11:45–12:00 **Discussion**

12:00