

Session Program

Jul 4 - 11, 2012



ICHEP2012

TR4 - Top Quark Physics

Melbourne Convention and Exhibition Centre
Melbourne Australia

Thu, July 5

9:00 AM

TR4 - Top Quark Physics

Session | **Location:** Melbourne Convention and Exhibition Centre, Room 216, Melbourne Australia

9:00 - 9:15 AM **Inclusive top quark pair production cross - section (ATLAS)**

Speaker

Mr Frederic Derue

9:15 - 9:30 AM **Top quark pair production cross section at CMS**

Speaker

Dr Ana Rodriguez Marrero

9:30 - 9:45 AM **Differential top quark pair production (ATLAS)**

Speaker

Dr Taylor Childers

9:45 - 10:00 AM **Differential cross sections in top pair events at CMS**

Speaker

Dr Maria Aldaya Martin

10:00 - 10:15 AM **Cross section measurements of top quark production at CDF**

Speaker

Mr Matteo Corbo

10:15 - 10:30 AM

NRQCD matching coefficient at next-to-next-to-next-to-leading order

Speaker

Dr Peter Marquard

10:30 - 11:00 AM **Refreshment Break**

11:00 - 11:15 AM

Measurements of the inclusive cross section and of differential distributions in top quark pair production (D0)

Speaker

Prof. Christian Schwanenberger

11:15 - 11:30 AM **Measurements of single top quark production (ATLAS)**

Speaker

Mr Philipp Sturm

11:30 - 11:45 AM **Single top production in CMS**

Speaker

Dr Gabriele Benelli

11:45 AM - 12:00 PM

Measurements of single top quark production cross sections and $|V_{tb}|$ in ppbar collisions at $\sqrt{s}=1.96$ TeV (D0 and CDF)

Speaker

Dr Yvonne Peters

12:00 - 12:15 PM **Measurement of the top quark mass (ATLAS)****Speaker**

Dr Giuseppe Salamanna

12:15 - 12:30 PM **Measurements of the top quark mass (CMS)****Speaker**

Dr Hartmut Stadie

12:30 - 12:45 PM **Measurement of the top-antitop mass difference (CMS)****Speaker**

Mr Gerrit Van Onsem

12:45 - 2:00 PM **Lunch Break**2:00 - 2:15 PM **Top quark mass measurements at CDF****Speaker**

Dr Hyun Su Lee

2:15 - 2:30 PM

Measurement of the top quark mass in ppbar collisions using events with two leptons (D0)**Speaker**

Dr Oleg Brandt

2:30 - 2:45 PM **Tevatron and LHC top mass combinations****Speaker**

Dr Frederic Deliot

2:45 - 3:00 PM **Top Precision Studies at Linear Colliders****Speaker**

Dr Marcel Vos

3:00 - 3:15 PM **Spin correlation and W helicity in top quark events with ATLAS****Speaker**

Dr Markus Jünger

3:15 - 3:30 PM **Spin correlations and W helicity in top events with CMS****Speaker**

Dr Suharyo Sumowidagdo

3:30 - 4:00 PM **Refreshment Break**4:00 - 4:15 PM **Spin correlation in ttbar production (D0)****Speaker**

Dr Yvonne Peters

4:15 - 4:30 PM

Measurement of top quark properties - electric charge and width (D0)

Speaker
Prof. Christian Schwanenberger

4:30 - 4:45 PM

Combination of CDF and D0 measurements of the W boson helicity in top quark decays

Speaker
Prof. Erich Ward Varnes

4:45 - 5:00 PM **Other top quark properties in ATLAS**

Speaker
Dr Antonio Limosani

5:00 - 5:15 PM **Other top quark properties in CMS**

Speaker
Ms Yvonne Küssel

5:15 - 5:30 PM **Top quark properties at CDF**

Speaker
Dr Youngdo Oh

5:30 - 6:00 PM

Speaker
MCEC Admin

6:15 PM