

**Session Program**

**1 August 2011 to 2 September 2011**

**TH - LPCC Summer Institute on LHC Physics -  
THLPCC11**

***LO and NLO Matrix-element aspects of MC  
simulations***

CERN, TH Theory Conference Room

# Wednesday 10 August

09:00

## LO and NLO Matrix-element aspects of MC simulations

**Session** | **Location:** CERN, TH Theory Conference Room

09:00–09:30 **A new formalism for multileg LO matching**

**Speakers**

Juan Jose Lopez Villarejo, Peter Skands

09:40–10:10 **Applications of POWHEG to  $t\bar{t}b\bar{t}+X$  ( $X=\text{jet}, H, Q\bar{Q}$ ,...)**

**Speaker**

Zoltan Laszlo Trocsanyi

10:20–10:50

**Combining NLO corrections to production and decay in the WH process**

**Speaker**

Julián Cancino

11:00–11:20 **Coffee break**

12:00