

## **Session Program**

**27 August 2017 to 1 September 2017**

## **QCD@LHC2017**

### ***Resummation and Monte Carlo generators***

Other Institutes  
University of Debrecen Egyetem sq. 1. Debrecen

# Tuesday 29 August

11:00

## Resummation and Monte Carlo generators

Session | Location: F3-4

11:00–11:30 **What is a parton shower?**

**Speaker**

Zoltan Nagy

11:30–12:00 **Analytical and numerical approaches to (N)LL resummation**

**Speaker**

Daniel Reichelt

12:00–12:30 **Precision QCD simulations for the LHC with Sherpa**

**Speaker**

Enrico Bothmann

12:30

14:00

## Resummation and Monte Carlo generators

Session | Location: F3-4

14:00–14:30

**Parton densities from a parton branching solution of QCD evolution equations**

**Speaker**

Aleksandra Anna Lelek

14:30–15:00 **Heavy quark radiation in NLO+PS POWHEG generators**

**Speaker**

Luca Buonocore

15:00–15:30

**Bottom mass effects on the Z boson transverse momentum and their implications for the W mass measurements**

**Speaker**

Emanuele Angelo Bagnaschi

16:00