

# **XLV International Symposium on Multiparticle Dynamics**

**Sunday, 4 October 2015 - Friday, 9 October 2015**

## **Scientific Programme**

High energy and high  $p_t$  interactions

Multiparticle correlations and fluctuations

Collective phenomena in high energy collisions: pp to ion-ion

Diffraction and Pomerons

Proton structure from ep and pp

Astroparticle physics

Status of QCD

First results from LHC Run II

## **Multiparticle Correlations and Fluctuations**

Convener: Edward Sarkisyan-Grinbaum, Andy Buckley

## **Collective Phenomena in High Energy Collisions**

Convener: Anton Andronic, Wojciech Florkowski

## **Astroparticle Physics**

Convener: Dmitri Semikoz, Antonella Castellina

## **High Energy and High $P_t$ Interactions**

Convener: Maxime Gouzevitch, Stefan Höche

## **Status of QCD**

Convener: Guenther Dissertori, Nora Brambilla

## **Diffraction and Pomeron**

Convener: Roman Pasechnik, Marek Tasevsky

## **Proton Structure from ep and pp**

Convener: Ingo Schienbein

## **First Results from LHC Run II**

Convener: Gabor Veres, James Robinson