

**Programme on**  
**“Challenges and Concepts for Field Theory and Applications in the Era of LHC Run-2”**  
**July 18 – August 12, 2016**

**organized by**

**Andre H. Hoang (U Vienna), Frank J. Petriello (Northwestern U, Evanston),  
Ian W. Stewart (MIT, Cambridge)**

**Week 1**

**July 18 – 21, 2016**

- **Monday, July 18, 2016**  
10:30 **Welcome Speech**
- **Tuesday, July 19, 2016**  
10:30 – 11:30 **Jonathan Gaunt**  
*Glauber, Underlying Event & Factorization*  
11:30 – 12:30 **Simone Aioli**  
*Underlying Event & Monte Carlo Generators*
- **Wednesday, July 20, 2016**  
10:30 – 11:30 **Andrea Banfi**  
*2 Jet Rate at NNLL Using ARES*
- **Thursday, July 21, 2016**  
10:30 – 11:30 **Lisa Zeune**  
*Multi-Differential Cross Sections & Resummation*  
11:30 – 12:30 **Moritz Preisser**  
*Monte Carlo Top Quark Mass Calibration*

**All talks take place at the ESI, Schrödinger Lecture Hall!**