

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

**organized by**

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

**Week 3**

**August 1 – 5, 2016**

- **Tuesday, August 2, 2016**

10:30 – 11:30 **Simon Plätzer**  
*Parton Shower Developments*

11:30 – 12:30 **Ulrich Schubert**  
*Multi-Loop Virtual Corrections*

- **Wednesday, August 3, 2016**

10:30 – 11:30 **David Soper**  
*Summation of Threshold Logarithms in Parton Showers*

- **Thursday, August 4, 2016**

10:30 – 11:30 **Ian Mould**  
*Non-Global Logs I*

11:30 – 12:30 **Ding Yu Shao**  
*Non-Global Logs II*

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