

# **School of Analytic Computing in Theoretical High-Energy Physics**

**Monday, 30 September 2013 - Saturday, 5 October 2013**

**Atrani, Italy**

## **Scientific Programme**

Babis Anastasiou (ETH Zürich): Introduction to multiloop amplitudes

Volodya Smirnov (NPI Moscow): Computing methods for multiloop amplitudes

Claude Duhr (IPPP Durham): Modern algebra for multiloop Feynman integrals

Simon Badger (NBI Copenhagen): Unitarity and on-shell methods

Eric Laenen (NIKHEF Amsterdam): Resummations in gauge theories

Simon Caron-Huot (NBI Copenhagen): Integrability and amplitudes in N=4 SYM