

High Precision for Hard Processeses

at the LHC

Local Organizing Committee:

Nicolas Greiner

Thomas Hahn

Gudrun Heinrich

Wolfgang Hollik

Christian Sturm

International Advisory Committee:

Babis Anastasiou (ETH Zurich)

Stefano Catanà (Firenze)

Daniel de Florian (Buenos Aires)

Thomas Gehrmann (U. Zurich)

Massimiliano Grazzini (U. Zurich)

Zoltan Kunszt (ETH Zurich)



Max-Planck-Institut für Physik
(Werner-Heisenberg-Institut)

HP²



MAX-PLANCK-GESELLSCHAFT

Munich
Sep 4-7, '12

- Phenomenological results on hard-scattering cross sections at high perturbative orders
- Automated computation of multi-leg amplitudes at tree and loop level
- Matching of Monte Carlo event generators with fixed order calculations
- Status reports and implications of current LHC and Tevatron results