

**INTERNATIONAL SCHOOL-WORKSHOP**  
**"CALCULATIONS FOR MODERN AND FUTURE COLLIDERS"**  
*July 23 - August 2, 2012, Dubna, Russian Federation*

**JULY 29, SUNDAY**

- 9.30 S. Moch** (DESY, Zeuthen, Germany)  
"QCD studies and Higgs searches at the LHC" (Part II)
- 10.30 Coffee break**
- 10.50 S. Moch** (DESY, Zeuthen, Germany)  
"QCD studies and Higgs searches at the LHC" (Part III)
- 11.50 F. Jegerlehner** (Humbolt Uni, Berlin and DESY, Zeuthen, Germany)  
"Anomalous magnetic moment of muon" (Part I)
- 12.50 Lunch**
- 14.20 A. Isaev** (JINR, Dubna, Russia)  
"Conformal group: R-matrix and star-triangle relations"
- 14.50 K. Meduri Chakravartula** (DESY, Zeuthen, Germany)  
"QCD corrections in the extra dimension searches at the LHC"
- 15.20 M. Nekrasov** (IHEP, Protvino, Russia)  
"Numerical simulations for W-pair production and decay in modified perturbation theory in NNLO"
- 15.50 A. Patrushev** (Western Universtiry, London, Canada)  
"A novel expression for the running gauge coupling"
- 16.20 Coffee break**
- 16.40 M. Malyshev** (SINP MSU, Russia)  
"Drell-Yan lepton pair production at modern colliders in the  $K_T$ -factorization approach"
- 17.00 E. Petrova** (Samara State University, Russia)  
"Bifurcation sets of the Higgs potential"
- 17.20 N. Makhaldiani** (JINR, Dubna, Russia)  
"Renormdynamics and multiparticle production"