Precision measurements of the strong coupling constant
Trento, February 11 - 15, 2019

Main Topics
Experimental and theoretical status and prospects in the determination of the QCD coupling constant, $\alpha_s(m_z)$, from key measurements and calculations, including:
- Lattice QCD
- Hadronic decays of tau leptons
- Deep-inelastic electron-proton scattering and global parton density analyses
- QCD corrections to electroweak precision observables
- Hadronic final states in high-energy particle collisions ($e^+e^-$, ep, and pp)

Keynote participants
Alekhin Sergey (Hamburg University, Germany), Barabanov Mikhail (JINR, Russia), Barreiro Fernando (Universidad Autonoma de Madrid, Spain), Brambilla Nora (TUM, Germany), Britzger Daniel (Max-Planck-Institut für Physik, Germany), Brodsky Stanley (SLAC - Stanford University, USA), Camarda Stefano (CERN, Switzerland), Chakraborty Bipasha (University of Cambridge, UK), Dalla Brida Mattia (INFN & Univ. di Milano-Bicocca, Italy), Golterman Maarten (San Francisco State University, USA), Hoang Andre (University of Vienna, Austria), Huston Joey (Michigan State University, USA), Kuehn Johann (Karlsruhe Institute of Technology, Germany), Malaescu Bogdan (CNRS & CERN, France and Switzerland), Miravitllas Ramon (Universitat Autònoma de Barcelona, Catalonia), Nesterenko Alexander (JINR, Russia), Perez-Ramos Redamy (IPSA & LPTHE, France), Peris Santi (Universitat Autònoma de Barcelona, Catalonia), Pires Joao (CFTP - Universidade de Lisboa, Portugal), Põldaru Andres (LMU, Germany), Rabbertz Klaus (KIT, Germany), Ringer Felix (Lawrence Berkeley National Laboratory, USA), Sint Stefa (Trinity College Dublin, Ireland), Sommer Rainer (NIC- DESY, Germany), Takaura Hiromasa (Kyushu University, Japan), Zanderighi Giulia (MPI, Germany).

Organizers
David d’Enterría (CERN, Switzerland)
Stefan Kluth (Max-Planck-Institute (MPI) / Werner-Heisenberg-Institute (MPP), Germany)

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