Physics beyond the standard model and precision nucleon structure measurements with parity-violating electron scattering
Trento, August 1 - 5, 2016

Main Topics

- Parity violating electron scattering,
- Physics beyond the standard model,
- Electroweak and electromagnetic radiative corrections,
- QCD theory for the interpretation of the observables,
- Technical developments for beam monitoring and polarimetry
- Spectrometer and detector development for parity violating electron scattering

Speakers

Aleksandrs Aleksejevs (Memorial University of Newfoundland), David Armstrong (William & Mary), Kurt Aulenbacher (Institut für Kernphysik, Mainz), Svetlana Barkanova (Acadia University), Sebastian Baunack (Institut für Kernphysik, Mainz), Dominik Becker (Institut für Kernphysik, Mainz), Niklaus Berger (Institut für Kernphysik, Mainz), Peter Blunden (University of Manitoba), Luigi Capozza (Helmholtz-Institut Mainz), Ian Cloet (Argonne National Laboratory), Silviu Covrig Dusa (JS4), Hooman Davoudiasl (Brookhaven National Laboratory), Juergen Diefenbach (Institut für Kernphysik, Mainz), Anselm Esser (Institut für Kernphysik, Mainz), Rodolfo Ferro Hernandez (UNAM), Victor Flambaum (University of New South Wales), Arne Freyberger (Jefferson Lab), Michael Gericke (University of Manitoba), Mikhail Gorshteyn (Institut für Kernphysik, Mainz), William Marciano (Brookhaven National Laboratory), Frank Maas (Helmholtz-Institut Mainz), Juliette Mammei (University of Manitoba), Christoph Matejcek (Institut für Kernphysik, Mainz), Dustin McNulty (Idaho State University), Wally Melnitchouk (Jefferson Lab), Robert Michaels (Jefferson Lab), Gerald Miller (University of Washington), Kin Mimouni (ITPP, EPFL Lausanne), Caryn Palatchi (University of Virginia), Hubert Spiesberger (University of Mainz), Chien Yeah Seng (University of Washington), Ke Sun (Arizona University), Paul Souder (Syracuse University), Shufeng Su (Arizona University), Frank Maas (University of Mainz), Paul Souder (Syracuse University), Marc Vanderhaeghen (University of Mainz), Yuxiang Zhao (Stony Brook University)

Organizers

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Castello di Trento (“Trint”), watercolor 19.8 x 27.7, painted by A. Dürer on his way back from Venice (1495). British Museum, London