

Workshop on Physics beyond the standard model and precision nucleon structure measurements with parity-violating electron scattering, ECT*, Trento, Italy, 01 Aug 2016 to 05 Aug 2016

Morning	Sunday, July 31.	Monday, August 1.	Tuesday, August 2.	Wednesday, August 3.	Thursday, August 4.	Friday, August 5.
8:30 - 9:00 09:00 - 09:30	Session Chair Frank Maas Registration: 8:30 - 9:30 am	Hubert Spiesberger	Hubert Spiesberger Jlab <i>PVDIS and nucleon structure</i>	David Armstrong	Niklaus Berger	Robert Michaels JLAB Beam <i>Beam polarimetry at JLab</i> 20 min talk 10 min discussion
9:30 - 9:45	Welcome from the organisers	Wally Melnichouk ANL <i>PVDIS and QCD in nuclei</i>	30 min talk 15 min discussion	Peter Blunden University of Manitoba Two-Boson corrections to parity violation	30 min talk 15 min discussion	Kurt Aulenbacher Johannes Gutenberg U Mainz <i>Beam polarimetry at MESA</i> 20 min talk 10 min discussion
9:45 - 10:00	David Armstrong College of WM <i>Experiences from Qweak</i>	Ian Cloet ANL <i>PVDIS and QCD in nuclei</i>	30 min talk 15 min discussion	Peter Blunden University of Manitoba Two-Boson corrections to parity violation	Arne Freyberger JLAB <i>The CEBAF 12 GeV polarised beam</i>	Caryn Palatchi UVA Beam properties of upgraded 11GeV beam at Jlab 20 min talk 10 min discussion
10:00 - 10:30	30 min talk 15 min discussion	30 min talk 15 min discussion	30 min talk 15 min discussion	30 min talk 15 min discussion	30 min talk 15 min discussion	30 min talk 15 min discussion
10:30 - 11:00	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee
11:00 - 11:30	Sebastian Baunack Johannes Gutenberg University Mainz <i>The P2 Experiment at MESA</i>	Chen-Yeh Seng UMASS <i>Higher Twist in PVDIS</i>	Svetlana Barkanova Acadia University <i>Radiative Corrections to MOLLER: NLO</i>	Mark Pitt Beam instrumentation for Parity experiments 20 min talk 10 min discussion	Silviu Covrig JLAB <i>Cryotargets for parity violation experiments</i> 20 min talk 10 min discussion	
11:30 - 11:45	15 min discussion	15 min discussion	10 min discussion	Jürgen Diefenbach Johannes Gutenberg U Mainz <i>Beam monitoring for Parity experiments at Mainz</i>	Luigi Capozza Johannes Gutenberg U Mainz Parity violation in electro-pion production	
11:45 - 12:00	Dustin Mc Nulty Idaho State University <i>High flux parity experiments at Jlab</i>	Seamus Riordan Stony Brook University <i>EMC effect in Calcium 48</i>	20 min talk 10 min discussion	20 min talk 10 min discussion	20 min talk 10 min discussion	
12:00 - 12:30	15 min discussion	15 min discussion	20 min talk 10 min discussion	Michael Gericke Manitoba University <i>Integrating detectors for PV experiments</i>	Anselm Esser Johannes Gutenberg U Mainz <i>Beam spin normal asymmetries on Carbon at MAMI</i> 20 min talk 10 min discussion	
12:30 - 14:00	Lunch	Lunch	Lunch	Lunch	Lunch	
Afternoon	Sunday, July 31.	Monday, August 1.	Tuesday, August 2.	Wednesday, August 3.	Thursday, August 4.	Friday, August 5.
14:00 - 14:30	Seamus Riordan Stony Brook University <i>The SOLID experiment at JLAB</i>	Wally Melnitichouk Seamus Riordan Stony Brook University <i>The SOLID experiment at JLAB</i>	Marc Vanderhaeghen Mikhail Gorshteyn Johannes Gutenberg University Mainz PV <i>Parity-violating Compton scattering and the weak charges</i>	Gerald Miller Jeremy Green Johannes Gutenberg U Mainz <i>Hadronic corrections to parity violation from the lattice</i>	Paul Souder Niklaus Berger Johannes Gutenberg U Mainz <i>Tracking Detectors and Qsquared determination for P2</i>	Krishna Kumar Paul Souder Syracuse University <i>Summary: Experiment</i>
14:30 - 14:45	30 min talk 15 min discussion	30 min talk 15 min discussion	30 min talk 15 min discussion	10 min discussion	10 min discussion 15 min discussion	30 min talk 15 min discussion
14:45 - 15:00	Bill Marciano BNL remote <i>Low energy searches for physics beyond the standard model</i>	Yuxiang Zhao SBU remote <i>Electroweak/parity program at EIC</i>	Marcus Petschlies Bonn University <i>Hadronic corrections for g-2 of muon from the lattice</i>	20 min talk 10 min discussion	20 min talk 10 min discussion	Marc Vanderhaeghen Johannes Gutenberg U Mainz Summary: Theory
15:00 - 15:30	15 min discussion	15 min discussion	15 min discussion	Mikhail Gorshteyn Johannes Gutenberg U Mainz <i>Beam normal spin asymmetry theory</i>	20 min talk 10 min discussion	30 min talk 15 min discussion
15:30 - 16:00	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee
16:00 - 16:30	Rodolfo Ferro Hernández UNAM remote <i>Running of the weak mixing angle</i>	Victor Flambaum University of New South Wales <i>Parity violation in atomic physics</i>	ECT* Kolloquium Frank Maas	Dominik Becker Johannes Gutenberg U Mainz <i>The design of the solenoid spectrometer for P2</i>	End of Workshop	
16:30 - 16:45	30 min talk 15 min discussion	30 min talk 15 min discussion		20 min talk 10 min discussion		
16:45 - 17:00	Hooman Davoudiasl BNL <i>Dark Parity Violation</i>	Gerald Miller UW <i>Electrophobic scalar boson and other possibilities</i>		Kathrin Schier Johannes Gutenberg U Mainz <i>Integrating detectors for P2</i>		
17:00 - 17:30	30 min talk 15 min discussion	30 min talk 15 min discussion		20 min talk 10 min discussion		
17:30 - 18:00	Javier Roca Maza University of Milano Neutron skin overview Mainz workshop:	Shufeng Su Arizona U remote <i>Low energy SUSY searches</i>		Matthias Schott Johannes Gutenberg U Mainz <i>Determination of sin²theta_W from LHC and searches for new physics beyond the standard model</i>		
18:00 - 18:15	30 min talk 15 min discussion	30 min talk 15 min discussion		30 min talk 15 min discussion		
20:00 - 22:00	Welcome Diner	Diner	Diner	Diner	Diner	