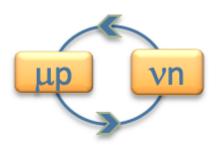
Session Program

25-26 Oct 2019



NuMu2019 Workshop @PSI Session

PSI, WHGA/001 Auditorium - Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI

Friday 25 October

14:00 Session: Neutrino-nucleus cross-sections at the frontier of particle physics Session | Location: PSI, WHGA/001, Auditorium - Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI 14:00-14:10 **Welcome** 14:10-14:55 Impact of neutrino-nucleus physics on oscillation experiments and related neutrino cross section measurements Speaker Federico Sanchez Nieto 14:55-15:25 Modelling neutrino-nucleus interactions **Speaker** Alessandro Lovato 15:25-15:50 Axial form factor from neutrino scattering - remote talk Speaker Richard Hill 15:50 16:15 Session: Muon capture and the axial form factor Session | Location: PSI, WHGA/001, Auditorium - Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI 16:15-16:45 Precision theory of muon capture on the proton - remote talk Speaker William Marciano 16:45-17:15 Axial form factor on the lattice Speaker Rajan Gupta 17:15-17:45 Review of MuCap experiment Speaker Peter Winter 17:45-18:10 Measurement of the nucleon axial form factor with pion electroproduction Speaker Ulrich Mueller 18:10

Saturday 26 October

09:00 Session: Towards a 0.3% measurement of mu+p capture Session | Location: PSI, WHGA/001, Auditorium - Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI 09:00-09:20 MuCap TPC: Design and performance Speaker Malte Hildebrandt 09:20-09:50 Baseline concept for new experiment Speaker Peter Kammel 09:50-10:20 MPGD-based Time Projection Chambers Speaker Piotr Gasik 10:20-10:40 Mu- beams and beam development at PSI Speaker Andreas Knecht 10:40 11:10 Session: Round table on physics and towards forming a collaboration Session | Location: PSI, WHGA/001, Auditorium - Paul Scherrer Institut Forschungsstrasse 111 5232 Viligen PSI 11:10-12:30 Round table discussion 12:30