

The 11th Circum-Pan-Pacific Symposium on High Energy Spin Physics

Tuesday 27 August 2019 - Friday 30 August 2019

ANA Holiday Inn Resort Miyazaki

Scientific Programme

The program of PacificSpin2019, August 27-30.

August 27, 2019, Tuesday

Session I, Chairperson Takahiro Iwata

8:40-8:50 Toshi-Aki Shibata, Opening address

8:50-9:00 Tatsuro Matsuda, Announcements

9:00-9:35 Akio Ogawa, Experimental results and future plans at STAR

9:35-10:10 Kenneth N. Barish, Experimental study of proton spin at PHENIX

Session II, Chairperson Ming X. Liu

10:35-11:10 Yoshitaka Hatta, Recent theory developments in QCD spin

11:10-11:45 Yoshiyuki Miyachi, Longitudinal double-spin asymmetries in SIDIS studied at HERMES

11:45-12:20 Andrea Bressan, The COMPASS program with the muon beam: past, present and future

lunch break (1 hour 55 minutes)

Session III, Chairperson Shunzo Kumano

14:15-14:50 Yi-Bo Yang, Proton spin from quark and gluon

14:50-15:25 Shinsuke Yoshida, 'Non-pole' approach to the Sivers effect in the collinear twist-3 formalism

15:25-16:00 Mark Jones, Revealing the nucleon's spin structure using inclusive electron scattering at Jefferson Lab

Session IV, Chairperson Toshi-Aki Shibata

16:20-16:55 Kunihiro Nagano, Proton structure measurements at LHC

16:55-17:30 Xiao-Rui Lyu, Spin-related effect in hadron production at BESIII

17:30-18:00 Discussion session

August 28, 2019, Wednesday

Session I, Chairperson Xiao-Rui Lyu

8:30-9:05 Sadaharu Uehara, Two-photon physics at Belle

9:05-9:40 Ralf Seidl, Fragmentation function related measurements at Belle

9:40-10:15 Zhaoxia Meng, Baryon timelike form factors

Session II, Chairperson Yuji Koike

10:35-11:10 Mark Schlegel, Mechanisms for transverse single-spin asymmetries

11:10-11:45 Marco Radici, Latest results in the extraction of the Sivers and transversity distributions

11:45-12:20 Kazuhiro Tanaka, Accessing GPDs with the exclusive pion-induced Drell-Yan process at J-PARC

12:20-12:50 Discussion Session, Chairperson Yi-Bo Yang

Excursion, 13:00 - 18:00

Banquet 19:00-

August 29, 2019, Thursday

Session I, Chairperson Andrea Bressan

8:30-9:05 Genki Nukazuka, Pion-induced Drell-Yan experiments with transversely polarized proton

target in COMPASS at CERN

9:05-9:40 Kenichi Nakano, Measurement of polarized Drell-Yan process at FNAL E1039/SpinQuest

9:40-10:15 Shinya Sawada, Hadron physics and exclusive Drell-Yan process at J-PARC

Session II, Chairperson Kenichi Nakano

10:35-11:10 Toshimi Suda, Proton radius

11:10-11:45 Michael Kohl, Measurement of the neutron electric-to-magnetic form factor ratio at high momentum transfer

11:45-12:20 Toshi-Aki Shibata, Flavor asymmetry of quarks and anti-quarks in the nucleon sea

lunch break (2 hours 15 minutes)

Session III, Chairperson Kenneth N. Barish

14:35-15:10 Ross Young, Nucleon virtual Compton amplitude in lattice QCD

15:10-15:35 Qin-Tao Song, Gluon transversity distribution in proton-deuteron collisions

15:35-16:10 Kyungseon Joo, Studies of the nucleon 3-D structure with CLAS12 at Jefferson Lab

Session IV, Chairperson Yuji Goto

16:30-17:05 Yoshitaka Itow, Very forward particle productions at LHCf and RHIC

17:05-17:30 Minh Kim, First result of transverse single spin asymmetry for very forward π^0 production in polarized p+p collisions at $\sqrt{s} = 510$ GeV

17:30-18:00 Discussion Session, Chairperson Marc Schlegel

August 30, 2019, Friday

Session I, Chairperson Marco Radici

8:30-9:05 Shunzo Kumano, Gravitational form factors for finding mass and pressure distributions in hadrons

9:05-9:40 Sabrina Cotogno, The energy momentum tensor of massive hadrons

9:40-10:15 Sanjin Benic, Single spin asymmetry in pA collisions: phenomenology at RHIC

Session II, Chairperson Itaru Nakagawa

10:35-11:10 Gerhard Reicherz, Polarized targets for experiments with high energy beam

11:10-11:45 Ming X. Liu, Overview of sPHENIX cold-QCD program

11:45-12:20 Yuji Goto, Overview of future facilities for nucleon spin studies

12:20-12:50 Discussion Session

Session III, Chairperson Tatsuhiro Matsuda

12:50-12:55 Toshi-Aki Shibata, Announcements

12:55-13:00 Takahiro Iwata, Closing address

The slides of the talks of those who planned to participate but could not attend are uploaded in Timetable section of Indico.

- Nobuo Sato, at the end of the talks of August 27,

Strange quark suppression from a simultaneous MC analysis of parton distribution and fragmentation functions,

- Jianhui Zhang, at the end of the talks of August 29 morning,

Polarized parton distribution functions from lattice QCD.

Plenary