

Dear Colleagues,

PacificSpin2019:
1st Circular of The 11th Circum-Pan-Pacific Symposium on
‘High Energy Spin Physics’
August 27-30, 2019 at Miyazaki, Japan

1 General Announcement

The 11th Circum-Pan-Pacific Symposium on ‘High Energy Spin Physics’ (<https://sites.google.com/quark.kj.yamagata-u.ac.jp/pacspin2019>) will be held in Miyazaki in Japan on August 27-30, 2019. This is the 11th in a series, following the ones at Taipei(2015), Ji’nan(2013), Cairns(2011), Yamagata(2009), Vancouver(2007), Tokyo(2005), Seattle(2003), Beijing(2001), Wako(1999) and Kobe(1996).

The aim of the symposium is to enhance communications among physicists from the Circum-Pan-Pacific region and from other regions. Encouraging presentations by young physicists is another feature of this symposium.

The symposium consists of plenary sessions only. The idea is that all participants share the same discussions and deepen the common understanding of current problems and perspectives. The slides of the talks will be archived and made public. Discussion sessions are scheduled in addition to the usual presentation sessions. Discussion sessions allow participants to make their short comments to stimulate discussions.

2 Important dates

- Deadline for early registration with reduced registration fee - June 27, 2019
- Deadline for submission of one-page abstract of contributed papers - June 27, 2019
- Symposium - August 27-30, 2019

3 Topics

The topics of the symposium include:

- ▷ Transverse and longitudinal spin structure of the nucleon,
- ▷ Polarized parton distribution functions and fragmentation functions,
- ▷ Transverse momentum dependent distributions,

- ▷ Generalized parton distributions and form factors,
- ▷ Recent progress in spin experiments in deep inelastic scattering, p-p collisions, Drell-Yan process etc.,
- ▷ Spin in hard QCD processes,
- ▷ Spin structure of the nucleon in Lattice QCD and effective QCD models,
- ▷ New ideas, methods and future facilities.

Spin is a basic property of elementary particles. Discoveries concerning Spin often trigger physicists to open a new chapter of physics. The spin structure of the nucleon has extensively been studied, in particular in the last 30 years since EMC's result was released. The transverse structure and 3-dimensional picture of the nucleon spin are now being investigated. These provide important tests of QCD and help our understanding of QCD. Those subjects will be discussed in details.

4 Venue

The symposium takes place in the conference room of the hotel 'ANA Holiday Inn Resort Miyazaki'. Miyazaki is located in the southern island of Japan, Kyusyu. The hotel is on a nice beach facing the Pacific Ocean. Participants can enjoy summer activities at the sea around noon between the morning and afternoon sessions of the symposium. The hotel is at 15 minute car ride from Miyazaki airport. There are also many historical spots to see in Miyazaki.

5 Registration

The registration can be done from the web-site of the symposium

<https://sites.google.com/quark.kj.yamagata-u.ac.jp/pacspin2019>

The deadline for early registration with reduced registration fee is June 27, 2019 (20,000 Yen (15,000 Yen for graduate students)). The late registration fee will be higher. The registration fee can be paid in cash in Yen only, upon arrival at the registration desk on August 27, 2019.

6 Visa

Those who need a visa to come to Japan are recommended to contact the organizers (pacificspin2019@nucl.phys.titech.ac.jp) as soon as possible, in early May.

7 Contributed papers

The talks at the symposium consist of invited talks and talks selected from contributed papers. A one-page abstract should be submitted by June 27, 2019 to **pacifcspin2019@nucl.phys.titech.ac.jp**. For details, please see the web-site of the symposium.

8 Hotels

The participants are requested to make hotel reservations by themselves. The organizers recommend the hotel ‘ANA Holiday Inn Resort Miyazaki’ where the symposium takes place. The symposium participants can reserve the rooms of this hotel at discount price. For details, please see the web-site of the symposium.

It is also OK if you stay at other hotels nearby.

9 Organizers

Local Organizing Committee:

T. Iwata (Co-Chair, Yamagata U.), T. Matsuda (Co-Chair, Miyazaki U.),
T.-A. Shibata (Co-Chair, Tokyo Tech/Nihon U.),
N. Doshita (Yamagata U.), Y. Goto (RIKEN), Y. Hatta (BNL),
Y. Koike (Niigata U.), S. Kumano (KEK), Y. Maeda (Miyazaki U.),
Y. Miyachi (Yamagata U.), K. Nagai (Academia Sinica), I. Nakagawa (RIKEN),
K. Nakano (Tokyo Tech), G. Nukazuka (Yamagata U.), S. Sasaki (Tohoku U.),
S. Sawada (KEK), R. Seidl (RIKEN), K. Tanaka (Juntendo U.)

PacificSpin2019 web-site is

<https://sites.google.com/quark.kj.yamagata-u.ac.jp/pacspin2019>

Contact mail address is

pacifcspin2019@nucl.phys.titech.ac.jp

The organizers hope that many physicists actively participate in and enjoy the symposium!