

TIPP'17

International Conference on Technology and Instrumentation in Particle Physics
MAY 22-26, 2017 | BEIJING, PEOPLE'S REPUBLIC OF CHINA

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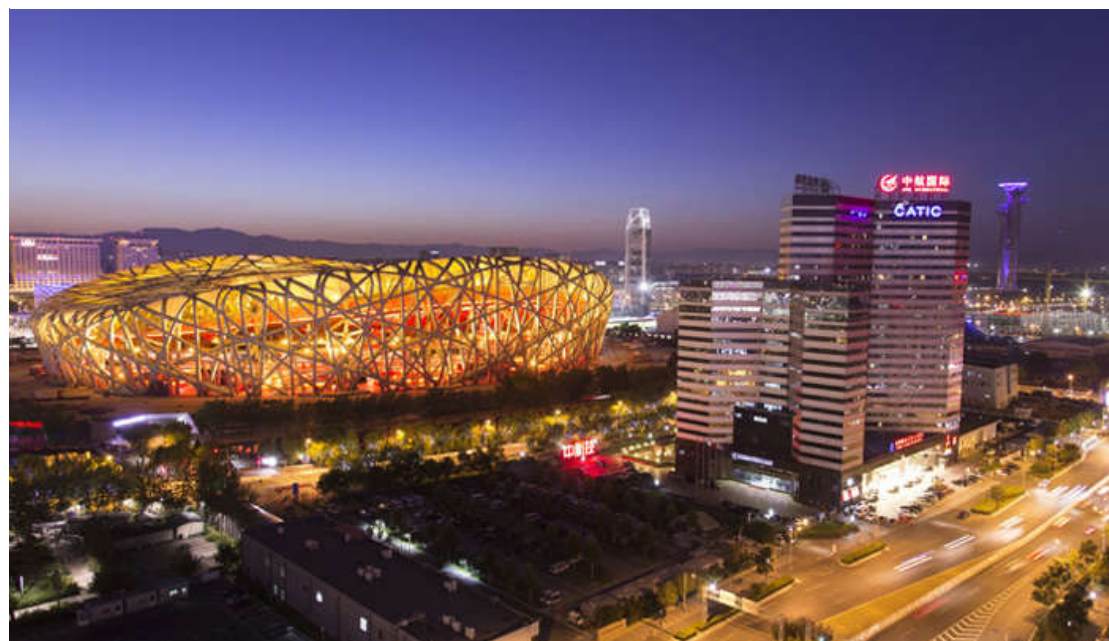
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The series of international conferences on detectors and instrumentation

The program will cover the following areas in parallel tracks focusing on the main themes of sensors, experiments, data processing, merging technologies, and applications to other fields.

TECHNOLOGY AND INSTRUMENTATION IN PARTICLE PHYSICS'17

Welcome!

The Technology and Instrumentation in Particle Physics 2017 (TIPP2017) conference will be held in Beijing, the capital of China, from May 22-26. TIPP2017 will be the fourth in this series of international conferences on detectors and instrumentation, held under the auspices of the International Union of Pure and Applied Physics (IUPAP). The TIPP conference series, a science-driven cross-disciplinary conference, started in Tsukuba, Japan in 2009 (TIPP 2009), with the second conference held in Chicago in 2011 (TIPP 2011), and the third in Amsterdam in 2014 (TIPP2014). The conference aims to provide a stimulating atmosphere for scientists and engineers from around the world to discuss the latest developments in the field. The program focus is on all areas of detector development and instrumentation in particle physics, astro-particle physics and closely related fields, in particular:

- Accelerator-based high energy physics
- Non-accelerator particle physics and particle astrophysics
- Nuclear physics
- Experiments with synchrotron radiation and neutrons
- Instrumentation and monitoring of particle and photon beams
- Applications in photon science, biology, medicine, and engineering

It is increasingly important for the field to form industrial partnerships that may lead to transformational new technologies. This medium-sized conference brings together experts from the scientific and industrial communities to discuss current work and to plan for the future. The conference will, as in the past, include plenary invited talks and parallel tracks with contributions outlining state-of-the-art developments in different areas. The program will cover the following areas in parallel tracks focusing on the main themes of sensors, experiments, data processing, emerging technologies, and applications to other fields:

- Experimental detector systems
- Gaseous detectors
- Semiconductor detectors
- Calorimeters
- Particle identification
- Photon detectors

Important dates

Website Opening:
Aug. 15 2016

Opening of Abstract Submission:
Sept. 30 2016

Opening of Online Registration:
Sept. 30 2016

Opening of Hotel Reservation:
Sept. 30 2016

Deadline for Abstract Submission:
Feb. 10 2017
Deadline Extension Feb. 17 2017

Deadline for early registration:
Feb. 15 2017
Deadline Extension Apr. 10 2017
(23:59Beijing Time)

Deadline for online registration :
Apr. 15 2017

Deadline for paper submission:
June 26 2017

Previous Conferences

[2014](#) - Amsterdam, the Netherlands
[2011](#) - Chicago, USA
[2009](#) - Tsukuba, Japan

Poster

Dark Matter Detectors
 Neutrino Detectors
 Astrophysics and space instrumentation
 Front-end electronics and fast data transmission
 Trigger and data acquisition systems
 Machine Detector Interface and beam instrumentation
 Backend readout structures and embedded systems
 Medical Imaging, security and other applications

Lets meet in the beautiful Beijing for a fruitful conference and we wish you a nice stay.

Liu, Zhen-An
 On behalf of the Organization Team



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TIPP'17 is organized and Sponsored by

