



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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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
- 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

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.

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

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

TIPP'17 is organized and Sponsored by



Printable [image](#) with high-resolution

**中国科学院高能物理研究所
第十三届公众科学日
微观世界探秘之旅**

开幕式 启动仪式

8:30 - 8:50 启动仪式 (请工作人员 携委托书)
8:50 - 9:00 展览开幕仪式

科普报告 启动仪式和讲座

09:00 - 09:30 北京正负电子对撞机 (张 尚 研究员)
09:40 - 10:10 硬X射线调制器总谱 (张 彦 研究员)
10:20 - 10:50 高能同步辐射光源 (董宇辉 研究员)
11:00 - 11:30 中国散裂中子源 (陈元柏 研究员)

咨询热线: weiherr@ihep.ac.cn

参观 9:00-12:00

路线: 售票处 - 直线加速器 - 储存环 - 北京谱仪及控制室 - 计算中心 - 北京同步辐射装置
提醒: 地下隧道车道17岁以下孩子及行动不便人员进入。参观高峰时段, 请排队等候。

科学小实验 9:00-11:30

“看见”宇宙线 展厅二二215
用光源头发丝测速 展厅二二216

科普图书展 8:30-12:00

招生招聘咨询 8:30-12:00

注: 高能物理研究所公众科学日活动
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