

Dear PCaPAC 2018 Participant,

## **Welcome to PCaPAC 2018 and to Hsinchu!**

The 12th International Workshop on Personal Computers and Particle Accelerator Controls (PCaPAC 2018) is taking place in Hsinchu city, Taiwan, from October 16th to 19th, 2018. The conference is organized and hosted by the National Synchrotron Radiation Research Center, a host of JACoW based conference for the first time.

The mission of PCaPAC 2018 is to keep the traditional aspects of PCaPAC as well as to focus on emerging technologies. This is reflected in PCaPAC's new official name "International Workshop on Emerging Technologies and Scientific Facilities Controls". PCaPAC 2018 covers the topics as shown below.

- Control System and Component Integration
- GUI Technologies and Frameworks, User Interfaces and Tools for Operations
- Hardware Technologies and Custom Hardware, Feedback Control and Tuning, Timing and Synchronization, and Functional Safety
- Data Acquisition and Data Storage, Data Analysis
- Infrastructure and Networking Management of IT Projects, Cyber Security

The scientific program includes keynote talks, contributed orals, poster-in-pills and poster sessions. The keynote talks include the topics of "Internet of Things", "Big data/Data mining", and "AI (Deep learning/Machine learning)". Four tutorials are also available before the meeting. Participants could learn updated technologies in a nutshell.

On behalf of the Local Organizing Committee, we welcome around 100 contributors to PCaPAC 2018, to Hsinchu, to Taiwan. I would like to thank you all for your support to the program, the program committee for their suggestions, the JACoW team, and especially each member of the local organizing committee for their devotion and hard work.

I sincerely wish a successful PCaPAC 2018 and all attendees having a joyful stay in Taiwan and a great appetite in Taiwanese cuisine!

*Yung-Sen Cheng*

Chair of Local Organizing Committee, PCaPAC 2018

Instrumentation and Control Group, Light Source Division, NSRRC