The 23rd International Conference on Neural Information Processing

ICONIP 2016

http://iconip2016.org

16-21 October 2016

Kyoto, Japan

Kurama Fire Festival

Jidai Matsuri Festival

Kiyomizu-dera Temple

Dobin-mushi

Sado Tea ceremony

Toji Temple

Deadlines
for early registration
7 August 2016

Plenary speakers:
Prof. Kunihiko Fukushima
Prof. Mitsuo Kawato
Prof. Irwin King

Organizers: Asia Pacific Neural Network Society (APNNS)
Japanese Neural Network Society (JNNS)

Photo: Kyoto university

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The 23rd International Conference on Neural Information Processing

16-21 October 2016, Kyoto University, Kyoto, Japan

The 23rd International Conference on Neural Information Processing (ICONIP 2016) will be held in Kyoto, Japan, from October 16 to 21, 2016. The venue of ICONIP 2016 is Clock Tower Centennial Hall, Kyoto University, located in the northeastern area in Kyoto city. Kyoto is located in the central part of the Honshu, the main island of Japan. Kyoto formerly flourished as the imperial capital of Japan as long as 1,000 years after 794 A.D., and known as "The City of Ten Thousand Shrines." There are 17 sites (13 temples, 3 shrines, and 1 castle) in Kyoto that form the UNESCO World Heritage Listing named as the "Historic Monuments of Ancient Kyoto (Kyoto, Uji and Otsu Cities)." In addition, there are three popular, major festivals (Matsuri) in Kyoto, one of which, called "Jidai Matsuri (The Festival of Ages)," will be held in October 22nd, just after ICONIP 2016.

ICONIP 2016 will provide a high-level international forum for scientists, researchers, industrial professionals, and students worldwide to present state of art research results, address new challenges, and discuss trends in neural information processing and applications. This conference will feature invited plenary talks by world-renowned scholars in the areas of neural network theory and applications, computational neuroscience, machine learning and others. In addition to regular technical sessions with oral and poster presentations, the conference program will include special sessions and tutorials on topics of current interest.

ICONIP 2016 is also the first international conference hosted by The Asia-Pacific Neural Network Society (APNNS), which starts in Janually 2016. The APNNS will open new doors in research, education and industry cooperation with both global and local approaches from multidisciplinary viewpoints of physiology, psychology, modeling, mathematical engineering, electrical, mechanical and information engineering as well as industrial, medical, and social applications to pursue human welfare extensively.

Let's get together to celebrate this memorial event of our new society in Kyoto!

Plenary Speakers

Prof. Kunihiko Fukushima	Fuzzy Logic Systems Institute, Japan
Prof. Mitsuo Kawato	ATR Brain Information Communication Research Laboratory Group, Japan
Prof. Irwin King	The Chinese University of Hong Kong, Hong Kong, China

Scope

Theory & Algorithms:	Computational & Cognitive Neurosciences:	Applications:
Neurodynamics	Sensory perception	Big data analysis
Machine learning	Motor control	Robotics and control
Deep neural networks	Decision making	Bioinformatics
Computational intelligence	Social cognitiion	Biomedical engineering
Pattern recognition	Emotion and reward	Neuromorphic hardware
Computer vision	Neuroeconomics	Data mining
Speech processing	Computational psychiatry	Information security
Time series analysis	Brain-machine interface	Social networks
Reinforcement learning	Neural data analysis	Computational finance
Bayesian networks		Sports and rehabilitation

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