

Special Session on  
**Complex Event Processing and Machine Learning**  
in International Conference on Advanced Software Engineering and Information  
Systems (ICASEIS 2013), November 28-30, 2013, Jakarta, Indonesia  
<http://ait2013.iaiai.org/icaseis.html>

With the spread of high-performance sensors and networks, many kinds of data are being captured continuously in every place. Complex Event Processing (CEP) is a technology that analyzes time-series data from several kinds of sensors and identifies the target events. The processes in CEP are suitable applications of Machine Learning (ML). This special session focuses on combinations of CEP and ML. The scope of the session includes the following topics:

- CEP for RFID data streams
- CEP in distributed systems
- Construction of event models in CEP by ML
- Data structure for real-time processing
- Object recognition from video data
- On-line ML for CEP
- Performance analysis of CEP

#### **Paper Submission**

Authors are invited to submit papers formatted as 4-6 pages by IEEE CPS format for letter size

- Word: <http://ait2013.iaiai.org/word.zip>
- Latex: <http://ait2013.iaiai.org/latex.zip>

to the session organizer ([baba.kensuke.060@m.kyushu-u.ac.jp](mailto:baba.kensuke.060@m.kyushu-u.ac.jp)). All accepted papers will be included in the conference proceedings. The detailed information can be found on the conference site (<http://ait2013.iaiai.org/ss.html>).

#### **Important Dates**

Deadline of paper submission: October 15, 2013

Notification of acceptance: October 30, 2013

#### **Organizers**

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**Committee**

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