

IWAIIP 2017

International Workshop on the Artificial Intelligent Approaches for Image Processing

Collocated with:

[SITIS 2017 - The 13h International Conference on Signal Image Technology & Internet based Systems](#)

4-7 December 2017 - Jaipur, India

Scope of the Workshop

The second of International Workshop on the Artificial Intelligent Approaches for Image Processing (IWAIIP), which held since 2016. The goal of this workshop is to bring together artificial intelligent approaches for image processing from a diverse group of people working on real world systems for commercial, industrial and military applications. This workshop aims to provide a collection of high quality research articles that address broad challenges on both theoretical and application aspects of artificial intelligence in image processing. We invite colleagues to contribute original research articles that will stimulate the continuing effort on the application of artificial intelligence approaches to solve image processing problems.

The topics of international workshop on the artificial intelligent approaches for image processing explicitly include (but are not limited to) the following aspects:

- Deep Learning in image processing
- Evolutionary and fuzzy computation in image processing
- Machine learning in image processing
- Expert systems in image processing
- Knowledge engineering in image processing
- Intelligent agents and multiagent systems in image processing
- Reasoning and inference in image processing
- Data Science in image processing
- Image Processing for surveillance and Security Applications
- Image processing for military applications
- Image processing for industrial automation
- Industrial applications of image processing
- Applications of artificial intelligence in image processing

Important dates

Submission deadline: September 11, 2017

Acceptance/Reject notification: October 9, 2017

Camera-ready: October 16, 2017

Author Registration: October 23, 2017

Submission

Each submission should be at most 8 pages in total including bibliography and well-marked appendices, and must follow the IEEE double columns publication format available at:

- [Microsoft Word DOC](#)
- [LaTeX Formatting Macros](#)

Paper submission will only be online via: [Easy Chair](#)

Only pdf files will be accepted. Submissions not meeting these guidelines risk rejection without consideration of their merits. All submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of expression by at least two reviewers. The organizers will examine the reviews and make final paper selections.

Publication

All the papers accepted for the workshop will be included in the conference proceedings. The proceedings will be published by [IEEE Computer Society](#). Content will be submitted to the indexing companies for possible indexing. They will be available at the conference.

Registration

At least one author of each accepted paper must register for the workshop. Workshop registration fee is determined by SITIS. A single registration for the workshop or the conference allows attending both events.

Workshop Co-Chairs

- Mahasak Ketcham, King Mongkut's University of Technology North Bangkok, Thailand
- Narit Hnoohom, Mahidol University, Thailand
- Thaweesak Yingthawornsuk, King Mongkut's University of Technology Thonburi, Thailand
- Kirk Scott, University of Alaska Anchorage, United States of America
- Ngoc Hong Tran, Vietnamese German University, Viet Nam

Program Committee

- Ahmad Alsahaf, University of Groningen, Netherlands
- Anuchit Jitpattanakul, King Mongkut's University of Technology North Bangkok, Thailand
- Edison Muzenda, University of Science and Technology, South Africa
- Estefania Talavera, University of Groningen, Netherlands
- Hiroya Takamura, Tokyo Institute of Technology, Japan
- Isao Echizen, National Institute of Informatics, Japan
- Jiapan Guo, University of Groningen, Netherlands
- Kazuaki Maeda, Chubu University, Japan
- Kei Eguchi, Fukuoka Institute of Technology, Japan
- Michael Pecht, University of Maryland, United States of America
- Michel Plaisent, University of Quebec in Montreal, Canada
- Montean Rattanasiriwongwut, King Mongkut's University of Technology North Bangkok, Thailand
- Narumol Chumuang, Muban Chombueng Rajabhat University, Thailand
- Nattavee Utakrit, King Mongkut's University of Technology North Bangkok, Thailand
- Nicola Strisciuglio, University of Groningen, Netherlands
- Panana Tangwannawit, Phetchabun Rajabhat University, Thailand
- Patiyuth Pramkeaw, King Mongkut's University of Technology Thonburi, Thailand
- Phayung Meesad, King Mongkut's University of Technology North Bangkok, Thailand
- Pokpong Songmuang, Thammasat University, Thailand
- Rachada Kongkachandra, Thammasat University, Thailand
- Sakchai Tangwannawit, King Mongkut's University of Technology North Bangkok, Thailand
- Sakorn Mekruksavanich, University of Phayao, Thailand
- Sven Wohlgemuth, Center for Advanced Security Research Darmstadt (CASED), Germany
- Tanapon Jensuttiwetchakul, King Mongkut's University of Technology North Bangkok, Thailand
- Thittaporn Ganokratanaa, Chulalongkorn university, Thailand
- Wiwit Suksangaram, Phetchaburi Rajabhat University, Thailand
- Zuriati Ahmad Zukarnain, University of Putra Malaysia, Malaysia

Contact

mahasak.k@it.kmutnb.ac.th

narit.hno@mahidol.ac.th

thaweesak.yin@kmutt.ac.th