

**The 16th International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIH-MSP 2020)**

**The 13<sup>th</sup> International Conference on Frontiers of Information Technology, Applications and Tools (FITAT 2020)**

November 5-7, 2020, Ho Chi Minh, Vietnam

**CALL FOR PAPER**

**INVITED SESSION:                   Pattern Recognition and Computational Intelligence**

**SESSION ORGANIZERS:   Prof. Q. T. Ngo, Assoc.Prof. H. Q. Nguyen, and Dr. T. G. Ngo**

This invited session will discuss recent advances in pattern recognition and computational intelligence. Contributions containing new insights related to technologies for models and estimation: graphical models, causality, Gaussian processes, approximate inference, kernel methods, nonparametric models, statistical and computational learning theory, manifolds and embedding, sparsity and compressed sensing are welcome.

This special session provides an international forum for researchers and specialists from the field of pattern recognition and computational intelligence.

1. Data Collecting
2. Intelligent System
3. Classification, regression, density estimation, unsupervised and semi-supervised learning, clustering, topic models.
4. Structured prediction, relational learning, logic, and probability
5. Reinforcement learning, planning, control
6. Game theory, no-regret learning, multi-agent systems
7. Algorithms and architectures for high-performance computation in AI and statistics
8. Deep learning including optimization, generalization, and architectures

**IMPORTANT DATES**

Submission of papers:	<del>April 25, 2020</del>	<del>June 14, 2020</del>	<b>June 25, 2020</b>
Notification of acceptance:	<del>May 25, 2020</del>	<del>June 28, 2020</del>	<b>July 16, 2020</b>
Camera-ready papers:	<del>June 30, 2020</del>	<del>July 31, 2020</del>	<b>August 15, 2020</b>
Registration and payment:	<del>June 30, 2020</del>	<del>July 31, 2020</del>	<b>August 15, 2020</b>
Conference:	<b>November 5-7, 2020</b>		

**SUBMISSION OF PAPERS**

Papers are invited from prospective authors with interests in this particular invited session and related areas of application. All contributions should be original and not published elsewhere or intended to be published during the review period. Contributions from application-oriented fields in industry and commerce are also welcome. IIHMSP/FITAT-2020 conference proceedings will be published in the book series entitled “Smart Innovation, Systems and Technologies”, which is on the EI index list, by Springer. Normally, papers published in this book series will be indexed by EI when the paper quality fits the requirement and the publishing procedures (including the oral presentation) are completed.

**The 16th International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIH-MSP 2020)**

**The 13<sup>th</sup> International Conference on Frontiers of Information Technology, Applications and Tools (FITAT 2020)**

November 5-7, 2020, Ho Chi Minh, Vietnam

The paper length is 6-8 pages for the regular paper. Each paper is allowed to have maximum 2 extra pages with raising USD 100 registration fee per extra page. All papers must be submitted electronically in PDF format only. Details of the required paper format are available at the official IIHMSP/FITAT-2020 website. For further information, please contact the session organizers given below.

**For more information please contact:**

Prof. Quoc-Tao Ngo

Institute of Information Technology, Vietnamese Academy of Sciences and Technology, Hanoi, Vietnam

E-mail: [nqtao@ioit.ac.vn](mailto:nqtao@ioit.ac.vn)

Assoc.Prof. Huu-Quynh Nguyen

Thuyloi University, Hanoi, Vietnam

E-mail: [quynhnh@tlu.edu.vn](mailto:quynhnh@tlu.edu.vn)

Dr. Truong-Giang Ngo

University of Manage and Technology, Haiphong, Vietnam

E-mail: [giangnt@hpu.edu.vn](mailto:giangnt@hpu.edu.vn)