Call for Papers

Artificial Intelligence for Future Intelligent Internet of Things (AI-IoT)

The 15th International Conference on Wireless Communications and Mobile Computing (IWCMC 2019)

IWCMC 2019 Website: http://iwcmc.org/2019/

Submission Link: https://edas.info/newPaper.php?c=24841

Tangier, Morocco

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Technically sponsored by: IEEE and IEEE Morocco Section

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Motivation

Artificial Intelligence (AI) is bringing intelligence to the digital age. Internet of Things (IoT) revolutionized everything by connecting all the 'Things'. Things include self-driving vehicles, smart homes, smart cities, and smart grid etc. Recent Advancement in technology is helping to realize the dream of IoT. AI is the crucial enabler to make IoT intelligent. AI has shown improvements in multimedia, speech recognition, and computer networks etc. However, recently researchers and practitioners start applying the AI techniques/algorithms on widespread problems of IoT to make it intelligent without human intervention.

This workshop aims to bring together the academia and industrial researchers to explore the opportunities of AI for IoT, study its impact on the challenges and propose viable solutions. We solicit papers covering various topics of interest that include, but not limited to the following.

- AI-based application, protocols and services for smart cities
- AI-based application, protocols and services for smart grids
- AI-based application, protocols and services for smart health
- AI-based application, protocols and services for smart homes

- AI-based application, protocols and services for industrial IoT
- AI-based multimedia applications for IoT
- AI-based big data mining for IoT
- AI-based big data analysis for IoT
- AI-based techniques for IoT edge devices
- AI-based cloud computing for IoT
- AI-based architecture for IoT
- AI-based vehicular network
- AI-based smart robots
- AI-based IoT network security and mitigation techniques
- AI-based solutions for Cognitive IoT
- AI-based cross layer solutions for IoT

Important Dates

Manuscript Submission Deadline: January 10, 2019

Decision Notification: March 30, 2019

Camera Ready Paper Submission: April 30, 2019

Submission Process

Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link: https://edas.info/newPaper.php?c=24841 for possible publication in the IWCMC 2019 Conference Proceedings, which will be submitted to the *IEEE Xplore*. Selected papers will further considered for possible publication in five special issues in the following Journals. For more information, visit: http://iwcmc.org/2019

1. The International Journal of Sensor Networks (IJSNet)
   http://www.inderscience.com/browse/index.php?journalCODE=ijsnet
2. The International Journal of Autonomous and Adaptive Communications Systems (IJAACS)
   http://www.inderscience.com/jhome.php?jcode=ijaacs
3. KSII Transactions on Internet and Information Systems: http://www.itiis.org/
4. Peer-to-Peer Networking & Applications:
   http://www.springer.com/engineering/signals/journal/12083
5. Cyber-Physical Systems journal: www.tandfonline.com/loi/tcyb20

Note: There will be best paper award, best Symposium award and best Workshop award

TPC Members (TBD)