



ECAI 2020
INTERNATIONAL CONFERENCE
12th Edition
Electronics, Computers and Artificial Intelligence
25 June-27 June 2020
Bucharest, ROMANIA

ECAI-2020 website: <http://ecai.ro/index.php>



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**2nd International Workshop on
“Research Advancement in Forthcoming Networking and Communication
Technologies (RAFNCT-2020)”**

(in conjunction with ECAI-2020)

25 June-27 June 2020

Bucharest, ROMANIA

URL of ECAI-2020: <http://ecai.ro/Special%20sessions.php>

SCOPE: Nowadays academia, business and industry, both are doing a lot of research efforts to promote various emerging network and communication paradigms. During the past decade, it has been observed that the current internet architecture was originally designed for end-to-end host based communications which was usually supported to the human only. Enormous efforts in cellular networks have been made for improving the user experience and in that we are able to use LTE-A and other networks. Also, the upcoming 5G networking architectures, whose ongoing research is focused on the networking mechanisms regarding the huge increase in the number of connected devices, bandwidth requirements, ultra low latency, ultra reliability. In addition to this the deployment of supporting operational mechanisms such as network virtualization, cloud-based deployments, mobile edge computing, and storage and new utilization scenarios are also the key segments of it. Moreover, these modern technologies are being applied in other networking domains as well, including VANETs, Smart Grid, Smart Cities, Internet of Things, Big Data, Blockchain, Machine Learning etc.

The goal of this workshop is to explore the development of new positioning strategies for wireless communication and networking technologies. Further, to investigate the new location-aware procedures to enhance the efficiency of communication networks. This workshop will bring together business, academic and industrial researchers to identify and discuss technical challenges and recent results related to the above said issues. **Topics of interest include, but are not limited to the following:**

- Data fusion for heterogeneous technologies
- Cooperative localization
- Opportunistic networks
- Intelligent Transportation System
- Situational Awareness
- Location-awareness for wireless networks
- Passive and active RFID
- Spectrum/Energy efficient deployment
- Sensor networks
- Localization methods for IoT, Big Data, Machine Learning and 5G
- Joint localization and communication
- Security and privacy in localization
- Mobility models for tracking

- Testbeds and experimentation
- Models, algorithms and protocols for 5G
- Blockchain for secure transaction management in 5G
- Secure Device-to-device communication
- Secure integration of IoT and Fog devices.

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SUBMISSION LAST DATE:- 15th April, 2020

ACCEPTANCE NOTIFICATION:- 15th May, 2020

Workshop Dates: 25 June-27 June 2020

The authors must to mention in the footnote if the paper was sent to this workshop according to the example below:

“Research Advancement in Forthcoming Networking and Communication Technologies (RAFNCT-2020)” -in conjunction with ECAI-2020

You can email your paper copy to any of the above mentioned email ids of organisers:

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Please use the Subject Line “ECAI-2020: RAFNCT-2020”

PUBLICATION:-

THERE ARE TWO MODES OF PUBLICATIONS FOR AUTHORS FOR THIS WORKSHOP.

CATEGORY- 1: Author who wish to attend the ECAI Conference Workshop & Present the Paper during the ECAI-2020 Workshop, those papers will be published in IEEE Xplore by ECAI Committee.

CATEGORY- 2: Author who do not wish to attend the conference physically their accepted and presented papers of the workshop will be submitted for publication in **Springer**

REGISTRATION FEE:-

CATEGORY- 1: Author who wish to attend the ECAI-2020 Conference in Romania need to pay the Registration Fee as per the Conference Registration Details to ECAI Account.

ECAI Details of Payment Instructions:- <http://ecai.ro/Payment%20instruction.php>

CATEGORY- 2: EURO 50. This fee will be charged by Independent third party for Editing and Proof Reading, Similarity Index Checking along with Misc. Charges for the manuscripts for the Edited Book. Information will be notified later whenever it required after the acceptance of manuscript for this edited volume of book.

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