

Conference Chair

Tülay YILDIRIM
Yildiz Technical University

Honorary Conference Chairs

Erol ÖZVAR, Marmara
University, Rector
Bahri ŞAHİN, Yıldiz Technical
University, Rector

Conference Co-Chairs

Hayriye KORKMAZ, Marmara
University
Nazmi EKREN, Marmara
University
Erkan DURSUN, Marmara
University

Organizing Committee

Ahmet Emin KUZUCUOĞLU,
Marmara University
Ali BULDU, Marmara
University
Aysun ALTIKARDEŞ,
Marmara University
Banu DIRI, Yıldiz Technical
University
Bülent BOLAT, Yıldiz Technical
University
Hasan ERDAL, Marmara
University
Mustafa KURT, Marmara
University
Mustafa AY, Marmara
University
Önder DEMİR, Marmara
University
Seçil Varbak NEŞE, Marmara
University
Uğur KESEN, Marmara
University

Advisory Committee

Ahmet Fevzi BABA,
Marmara University
Ali Yılmaz ÇAMURCU,
Fatih Sultan Mehmet Vakif
University
Burhanettin CAN, Fatih
Sultan Mehmet Vakif
University
Fatih ZEYVELİ, Informatics
Innovation Association

Webmaster

Ercan ERKALKAN,
Marmara University

**The Innovations in Intelligent
Systems and Applications
Conference ASYU 2020****October 15-17, 2020, Istanbul, TURKEY****Content:**

The Innovations in Intelligent Systems and Applications conference (ASYU) 2020 will be held on October 15-17, 2020 by Marmara University at Goztepe Campus in Istanbul, Turkey. The language of the conference will be English and Turkish. Submitted papers of the regular and special session tracks will undergo a triple-blind review process.

The Conference scope includes the following topics:

Artificial Intelligence, Deep Learning, Machine Learning, Pattern Recognition, Data Mining, Mixed Intelligent Systems, Knowledge-Based Systems, Evolutionary Computing, Expert Systems, Smart Life, Bioinformatics, Natural Language Processing, Speech Recognition, Biometric Systems, Human-Computer Interaction, Video / Image Processing, Intelligent Optimization Algorithms, Fuzzy Logic, Artificial Neural Networks, Particle Swarms, Genetic Algorithm, Memetic Computing, Neuroscience, Environmental Intelligence, Technology and Law, Biomedical Engineering, Medical Informatics, Hardware Implementations, Intelligent Electronic Systems, Robotics and Automation, Augmented / Virtual Reality, Query Suggestion Systems, Decision Support Systems. However, the topics are not limited to these. On the other hand, special sessions on the topics of Smart applications in Health, Energy, Transportation, Engineering Education, Defense Industry and Financial and Business Administration issues can be organized or papers will be accepted as well.

Submission Guidelines:

All papers must be submitted electronically and the submissions should be formatted in accordance with the IEEE template. The maximum number of pages is 6 for papers. Papers will be examined by at least three referees in terms of technical value and content by blind review method. Accepted papers must be presented by an author named in the paper. Otherwise, these papers will not be included in the conference booklet. Up to 2 papers can be submitted with one registration.

Special Session Proposals:

Interested participants can propose special sessions of at least 4 papers focused on innovative topics. Each special session proposal should include the session title, a brief description, and information by whom to organize. Special session proposals will go through the same intensive review process as in regular sessions. Special session offers do not guarantee the acceptance of the proposal. Within the framework of the above topics, special session offers can be sent to asyu2020@marmara.edu.tr until June 14, 2020.

Important Dates:

Full Paper Submission: June 14, 2020

Announcement of Results: August 24, 2020

Deadline for Early Registration: August 31, 2020

Sending Papers for Camera Ready Version: September 15, 2020

Publication of the Accepted Papers:

The Conference Proceeding with all accepted and presented papers will be submitted to the IEEE Xplore digital library. In addition, selected papers will be considered for publication in The International Journal of Advances in Engineering and Pure Science (<https://dergipark.org.tr/pub/ieps>) indexed by TR Index. In the journal publication process, besides the conference reviewers' comments, the journal editors' comments will also be taken into consideration and, if necessary, at least 2 more referee comments will be asked.

Location:

Marmara University is one of the oldest educational institutions in Turkey. Today, with its nearly 3,000 academic staff and more than 70,000 students, Marmara University continues its academic activities in 7 different campuses scattered across the Anatolian and European side of Istanbul. Goztepe Campus, which is the largest of these and located in the district of Kadikoy on the Anatolian side, is very close to all historical and cultural centers of Istanbul and in a central location where access to all means of transportation is very easy.