

## Scope and Objective

The International Conference on Application of Fuzzy Systems and Soft Computing ICAFS, is organized every other year with the aim of bringing together scientists, engineers and practitioners to exchange up-to-date knowledge and experience in the applications of technologies of Fuzzy and Soft Computing. This year, the twelfth ICAFS-2016 is being held in Vienna, Austria.

The sessions will focus on the applications of methods of Fuzzy Sets and Soft Computing in science, industry, financial engineering, metallurgy, system of systems engineering, energy systems, economy and business, health and medicine. However, applications to other related areas are also welcome. A special social program has been arranged to entertain the participants and their families.

Detailed information regarding accommodation, travel arrangements and the technical program will be included in subsequent mailing.

## The Topics of the Conference

Papers describing original work in, but not limited to the following research areas are welcome:

1. Computational Intelligence based Hybrid Systems
2. Decision Theory with Imperfect Information
3. Neuro-Fuzzy Technology
4. Image Processing with Soft Computing
5. Soft Computing for System of Systems Engineering
6. Fuzzy and Soft Computing Based Control Systems
7. Intelligent Robots
8. Fuzzy Databases and Data Mining
9. Evolutionary Computation
10. Chaotic Systems
11. Fuzzy Logic and Soft Computing in earth sciences
12. Soft Computing in Industrial Engineering
13. Soft Computing in finance, business and economics and educational sciences
14. Soft Computing in medicine and biomedical engineering
15. Probabilistic and statistical reasoning in Social and Educational Sciences

## Official Language

English will be the official language of the conference

## Conference Venue

Vienna, Austria

## Submission of Papers

Authors are invited to submit papers of up to 8 pages. The papers should include abstract, list of keyword, introduction, methods, results and conclusions with supporting figures and tables. Author's names, affiliation addresses, telephone numbers, e-mails, and the name of corresponding author. Proposals must be prepared using the Template.

Selected papers will be considered for possible publication in SCI journals: Information Sciences journal, the Soft Computing Journal, Artificial Intelligence in Medicine journal, and International Journal of Intelligent Automation and Soft Computing (AutoSoft).

Please, send the Manuscript (DOC/DOCX and PDF formats) to any of the following emails:

[raliev@soa.edu.az](mailto:raliev@soa.edu.az)

[icafs.conference@gmail.com](mailto:icafs.conference@gmail.com)

## Abstracting and indexing

All accepted papers will be published in Elsevier Journal Procedia Computer Science (indexed in Scopus and Science direct), highly recognized platform where conference papers can be hosted and accessed by millions of researchers.

## Time Schedule

Last day for paper submission: June, 17, 2016

Last day Notification of acceptance: July, 1, 2016

Last day Registration: July, 25, 2016

One full registration (€350) is required for each accepted paper.

*Proposals concerning invited sessions and manuscript should be sent to:*

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## Twelfth International Conference on Application of Fuzzy Systems and Soft Computing

# ICAFS-2016

August 29-30, 2016, Vienna, Austria

### TENTATIVE REGISTRATION

Please tick the appropriate boxes and fill in the registration form in BLOCK LETTERS

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I intend to attend the conference

I intend to submit a paper

I wish to enjoy the entertainment program

I wish to receive further information

The following people could be interested in the Conference

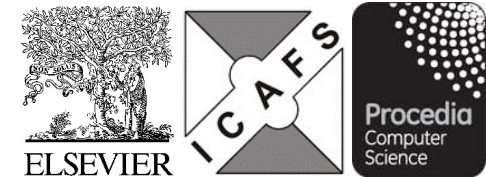
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# ICAFS-2016

## Twelfth International Conference on Application of Fuzzy Systems and Soft Computing



## CALL FOR PAPERS

<http://www.icafs-2016.com/>



**Dedicated to Prof. Lotfi Zadeh**

*August 29-30, 2016*

*Vienna, Austria*

## Twelfth International Conference on Application of Fuzzy Systems and Soft Computing

### *Organized by:*

Azerbaijan Association of "Zadeh's Legacy and Artificial Intelligence", Azerbaijan  
Azerbaijan State Oil and Industry University, Azerbaijan  
BISC - Berkeley Initiative in Soft Computing, USA  
Georgia State University, Atlanta, USA  
Near East University, North Cyprus  
TOBB Economics and Technology University, Turkey  
University of Alberta, Alberta, Canada  
University of Siegen, Siegen, Germany  
University of Texas, San Antonio, USA  
University of Toronto, Toronto, Canada

**Honorary Chair** Prof. **L. A. Zadeh**, USA

**Chairman** Prof. **R. A. Aliev**, Azerbaijan  
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