

# IFSA Newsletter Vol. 13, No. 1, March 2016



## In this issue:

	page
Message from Newsletter Editor –	1
New IFSA Task Force Committees –	2
Improving the IFSA website –	2
Call for Papers–	3
1. Call for Papers of IV CBSF	3
2. Call for Papers of iFUZZY2016	4
3. Call for Papers of ARIS 2016	5

EDITED BY: Ching-Chih Tsai  
VP for publicity

In this issue of IFSA newsletter, our President-Elect, Prof. Javier Montero, announced three new task force committees in order to investigate possible actions towards the objectives of our scientific community. Furthermore, much effort has been paid to update and improve the contents of the IFSA website recovered from its old version. Finally, there are some call-for-papers from different parties. Hopefully, these messages are informative to you.

## I. Message from Newsletter Editor

Dear IFSA Members:

It has been almost nine months since I got elected as the IFSA vice president for publicity. My major responsibility is to edit the IFSA newsletters and to maintain the IFSA website, in which both have become two platforms to share news and ideas for all members of IFSA. Since 2011, our current President, Prof. Shun-Feng Su, has established the best rule to publish the IFSA newsletters quarterly and update the contents on the websites regularly. By following this paradigm, the newsletter editorial team hopes to continue to make the IFSA newsletters and website more informative and more visible. However, without sufficient supports from all of you, this mission cannot be completed. Hence, we believe that your sufficient supports are the key to make the IFSA truly become a family for all fuzzy related researchers.

Sincerely yours,

Ching-Chih Tsai, FIET, FCACS  
IFSA Vice President for Publicity  
Distinguished Professor, EE, NCHU

## **II. NEW IFSA TASK FORCE COMMITTEES**

**By Javier Montero**

Just after the last meeting of the IFSA Council at the IFSA-EUSFLAT 2015 conference, held in Asturias, Spain (June 30-July 3), the three Presidents of IFSA, Christer Carlsson as the Past President, Shun-Feng Su as the current President, and Javier Montero as President Elect, decided to organize a meeting with the objective of designing a strategy to analyze the situation of IFSA as an federation of associations, and study possible actions towards the objectives of our scientific community. This meeting between the three IFSA presidents could held on the occasion of the iFUZZY 2015 conference (Taiwan, November 18-20). It was then decided to propose the IFSA Council the launching of three small committees to focus into three specific issues:

1. **Strategical Task Force Committee:** Javier Montero (IFSA President Elect), Wen.June Wang (Vice president for Conference), Hisao Ishibuchi (Treasurer), plus some selected representatives of IFSA associations.
2. **Legal Issues Committee:** Chister Carlsson (IFSA Past President), Masahiro Inuiguchi (Vice president for Membership), Isao Hayashi (Secretary), plus some selected representatives of IFSA associations.
3. **Awards Committe:** Shun-Feng Su (IFSA President), Guoqing Chen (Vice president for Awards), Ching-Chih Tsai (Vice president for Publicity), plus some selected representatives of IFSA associations.

These three committees are being now launched. The objective is to produce and implement effective actions for a better promotion of fuzzy logic and its related technologies, to increase the collaboration between IFSA associations and their members, and to improve the management and visibility of IFSA associated members and IFSA itself.

## **III. Improving the IFSA Website**

Recently, we have improved our IFSA website in order to assure visibility. By clicking the website address at <http://isdlab.ie.ntnu.edu.tw/ntust/ifsa/pages>, you are able to find some updating IFSA news or related information. Like its old version established by Prof. Shun-Feng Su (IFSA President), the website menu includes similar items, such as Home page, Call for nominations-IFSA Award, About IFSA 2016, News, Historical Newsletters, IFSA (Co)Sponsored Conferences, The Council, IFSA Fellows, SIG, Researchers, Who is Who in Fuzzy, Membership Info, Constitution, By-Laws, Operating Guidelines, and Conference

Information. We have been regularly updating the website contents according to our collections of any new and useful messages for IFSA or any news and opinions from all of you. Although the website contents have been updated in some details, much work remains to be done. For example, as suggested by our President-Elect, Prof. Javier Montero, we hope to have all the links to active fuzzy associations in the near future. Furthermore, as presented by Prof. Chister Carlsson (IFSA Past President) during the iFuzzy 2015 conference period, the SIG content could be significantly improved by including more special interest groups, and the members content would have the connection with the Scholarmate. Should you have any suggestions on the IFSA website, please feel free to contact the newsletter editorial team via the email : [cctsai@nchu.edu.tw](mailto:cctsai@nchu.edu.tw).

## **IV. Call for papers**

### **1. Call for Papers of IV CBSF**

The 2016 Brazilian Conference on Fuzzy Systems (IV CBSF) is the major South American event dedicated solely to fuzzy systems and their applications in areas such as mathematics, physics, engineering, economics, health and social sciences. CBSF aims at bringing together researchers, engineers, practitioners and students to present their latest achievements, innovations and applications. It also aims at fostering national and international cooperation between research groups. The contributions for the congress usually fall into the following topics:

- A) Theory
  - 1. Fuzzy Logics
  - 2. Fuzzy Mathematics
  - 3. Fuzzy Morphology
  - 4. Computability
  - 5. Extensions of the standard framework
  - 6. Biomathematics
  - 7. Fuzzy Differential Equations
  - 8. Fuzzy Dynamic Systems
- B) Applications
  - 1. Evolutionary systems
  - 2. Data mining/Databases
  - 3. Computational Intelligence and Machine Learning
  - 4. Pattern Recognition
  - 5. Signal and Image Processing
  - 6. Decision Making
  - 7. Control
  - 8. Robotics
  - 9. Neuro-Fuzzy Systems
  - 10. Bioinformatics

CBSF has been held every two years since 2010, always with the endorsement of IFSA. Its fourth version will take place at the University of Campinas (Unicamp), November 16 – 18, 2016. Campinas is today an important educational, industrial and financial center. With a population of nearly one million people, Campinas has cinemas, theaters, museums, parks and many fine shopping malls. It is located near São Paulo, one of the world's largest cities and an important cultural center. Campinas' international airport, Viracopos (VCP), has direct connections to all major Brazilian airports and receives international flights from United States, Portugal, Argentina and other countries.

The University of Campinas is one of the top universities in South America. Although being only 50 years old, Unicamp has already developed a strong tradition in education and research. Many prominent researchers in the fuzzy community are, in a way or another, linked to Unicamp. It will surely provide an excellent forum for discussions on fuzzy systems. For more information, please visit the Congress website at [www.ime.unicamp.br/~cbsf4](http://www.ime.unicamp.br/~cbsf4). We look forward to seeing you at Unicamp for this exciting event!

## 2. Call for Papers of iFUZZY2016

Thanks to technical supports from International Fuzzy Systems Association and other two well-known societies, Taiwan Fuzzy Systems Association, IEEE Systems, Man, and Cybernetics Society and National Chin-Yi University of Science and Technology, work together as co-founders to organize the 2016 international conference on fuzzy theory and its applications (iFUZZY2016) on 9-11 November, 2016. This three-day conference, hosted by National Chin-Yi University of Technology (NCUT), Taichung, Taiwan, is aimed to provide a very good opportunity for research scientists, investigators, industrial practitioners and government representatives to present their results and to exchange their ideas in all aspects of fuzzy theories, technologies and applications.

In this conference, there are a number of features that you may be interested. They are

1. **Keynote Speakers: Janusz Kacprzyk; Jun Wang; Paul P. Lin.**  
– Details can be seen on <http://cia.csie.ncut.edu.tw/ifuzzy2016/KeynoteSpeech.html>.
2. **Special Issue in International Journal of Fuzzy Systems**  
<http://cia.csie.ncut.edu.tw/ifuzzy2016>  
→Candidate papers will be presented and accept Q/A on site.
3. **AE dinners for International Journal of Fuzzy Systems** →Lots of experts (AEs) are here. Please come to them on site.
4. **Best paper awards:** If you are interested, be sure to click the icon when you submit your papers.

Please come and enjoy those interesting events. All accepted papers will be included in

IEEE Xplore (IEL database) and indexed by EI provided that the IEEE required conditions are satisfied. Currently, iFUZZY2016 program committee is soliciting novel research results on fuzzy theory and its applications and related topics. For details of the conference and topics of interest, please visit the conference website at <http://cia.csie.ncut.edu.tw/ifuzzy2016>. Here we sincerely invite all IFSA members to submit papers to this conference and welcome to visit the so-called beautiful island, Taiwan. The current paper submission deadline is July 15. Please be sure to mark you schedule and come to join this great event in Taiwan, a beautiful island in the south-east Asia. For more tour information of Taiwan, please visit the Taiwan Tourism Bureau website: <http://www.tboc.gov.tw>.

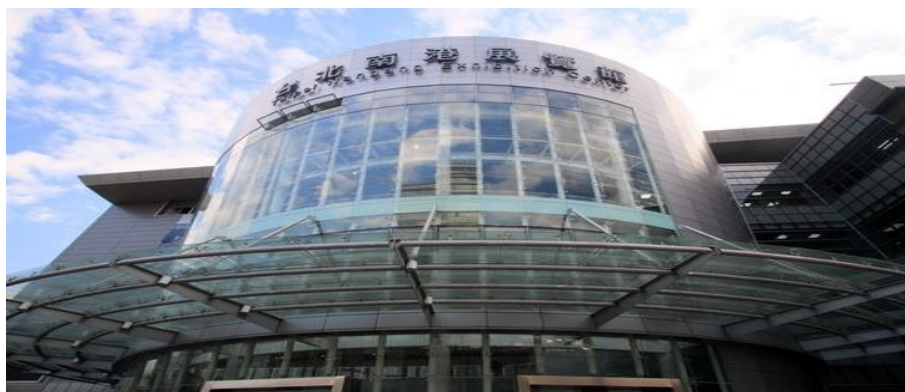


### 3. Call for Papers of ARIS 2016

## **2016 International Conference on Advanced Robotics and Intelligent Systems (ARIS 2016)**

**Taipei Nangang Exhibition Center, Taipei, Taiwan, August 31-September 2, 2016**

Contact: Ching-Chih Tsai ([cctsai@nchu.edu.tw](mailto:cctsai@nchu.edu.tw))



**ARIS 2016 Conference Venue: Taipei Nangang Exhibition Center.**

### **Aims and Scope**

ARIS 2016 is soliciting novel research results on Advanced Robotics and Intelligent Systems and related topics. Jointly organized by Robotic Society of Taiwan (RST), Taiwan Automation Intelligence and Robotics Association (TAIROA) and National Chung Hsing University (NCHU), this conference provides an outstanding platform for research scientists,

investors, industrial and government representatives to present their results and to exchange ideas. For paper submissions and more information, please visit the conference website at: <http://aris2016.nchu.edu.tw>. The topics cover all aspects of advanced robotics and intelligent systems. During the conference period, you can get free admission to TAIROS 2016, which holds the Taiwan's largest exhibitions on advanced robots with applications, intelligent manufacturing systems, intelligent automation systems, and advanced technology for industry 4.0.



**Illustration of TAIROS 2016.**

For details of ARIS 2016, please visit the conference website <http://aris2016.nchu.edu.tw>. All accepted papers will be included in IEEE Xplore (IEL database) and indexed by EI provided that the IEEE required conditions are satisfied.



## **Contributions for the Next Issue**

If you are interested in contributing information or articles for the next issue of the IFSA newsletter, please send a word file to [cctsai@nchu.edu.tw](mailto:cctsai@nchu.edu.tw). The deadline for contents appearing on the next issue is June 30, 2016.