IFSA Newsletter Vol. 10, No. 2,

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EDITED BY: Shun-Feng Su	

UTED BY: Shun-Feng Su VP for publicity

In this issue of IFSA newsletter, Lotfi Zadeh being awarded the BBVA Foundation Frontiers of Knowledge Award for enabling computers and machines to behave and decide like human beings is reported. It is a great honor to all fuzzy related researchers. Also, 2013 IFSA Fellows are introduced. Here we would like to congratulate them for their great achievements. Finally, there are some call for papers from different parties. Hopefully, those messages are informative to you.

I. Minutes of IFSA Council Meeting in Edmonton

Date: June 24, Monday, 2013

Place: Earls restaurant, on University of Alberta Campus
Attendants: Kaoru Hirota (Past President), Oscar Castillo (President), Christer Carlsson (President elect and NSAIS), Luis Magdalena (Secretary), Takeshi Furuhashi (Vice-President and SOFT), Francisco Javier Montero (Vice-President and EUSFLAT), Shun-Feng Su (Vice-President and TFSA), Sung-Shin Kim (KIIS), Laszlo T. Koczy (HFA), Patricia Melin (HAFSA), Vladik Kreinovich (NAFIPS), Ricardo Tanscheit (SBA), Burhan Turksen (FSAT), Dexue Zhang, (FMSAC) Janusz Kacprzyk (Ex-President), Marek Reformat (Organizer of IFSA-Edmonton)

1) Opening address by Oscar Castillo (President)

Treasurer report by Christer Carlsson (President elect and NSAIS)
 Written Report was given to the attendants.

The list of societies with voting rights, according to fee payment, was provided and read by Secretary.

3) Election by Kaoru Hirota (Past President)

According to previous point (voting rights) and attendants, the available votes were: President, Past President, President elect, 3 Vice-Presidents, Secretary, SOFT (2), KIIS (2), TFSA (2), FMSAC, EUSFLAT, NAFIPS, SBA, HFA, NSAIS, HAFSA, FSAT. Being 21 votes present.

Once casted and counted the votes, the results were:

President-elect: Shun-Feng Su

Secretary: Takeshi Furuhashi

Treasurer: Hisao Ishibuchi

Vice-President: Dexue Zhang

Isao Hayashi

Marek Reformat

Valentina Balas

- 4) Reports from the Vice-Presidents
 - a) Institutional members by Takeshi Furuhashi (Vice-President for membership) Report is attached.
 - b) Awards by Javier Montero (Vice-President for award) Report was already distributed through IFSA Newsletter.
 - c) Conferences VP was absent
 - d) Publicity by Shun-Feng Su ((Vice-President for publicity)

Report on present situation of Web page and Newsletter was offered.

5) Preparation for IFSA2015 by Luis Magdalena

Overall details on the present situation, including location and dates, was offered.

6) A.O.B.

Prof. Kacprzyk asked for the Technical Sponsorship by IFSA, of IEEE Intelligent Systems 2014, to be held in Warsaw on Sept. 24-26, 2014.

It was approved.

II. Report on BBVA Foundation Frontiers of Knowledge Award

III. By Luis Magdalena

Prof. Lotfi Zadeh received the BBVA Foundation Frontiers of Knowledge Award for enabling computers and machines to behave and decide like human beings

According to the Jury, by equipping computers to tolerate real-world complexities and decide accordingly, fuzzy logic transforms them from mere calculating machines, and allows appliances and systems to operate autonomously. The award consist of €400,000, a diploma and a commemorative artwork. The Awards ceremony took place past June 20th 2013 in Madrid, and was preceded by a Gala Concert taking place on June 19 at Royal Theatre of Madrid.

The BBVA Foundation Frontiers of Knowledge Award in the Information and Communication Technologies (ICT) category has been granted in this fifth edition to the electrical engineer Lotfi A. Zadeh , "for the invention and development of fuzzy logic." This "revolutionary" breakthrough, affirms the jury in its citation, has enabled machines to work with imprecise concepts, in the same way humans do, and thus secure more efficient results more aligned with reality. In the last fifty years, this methodology has generated over 50,000 patents in Japan and the U.S. alone.

Prof. Zadeh was nominated by Luis Magdalena, Director General of the <u>European Centre for</u> <u>Soft Computing</u> (http://www.softcomputing.es) and Secretary of the IFSA Board.

The award consists, in each of the eight categories, of $\in 400,000$, a diploma and a commemorative artwork.



The Jury during the announcement of their decisión.

The jury in this category was chaired by George Gottlob, Professor of Computer Science at the University of Oxford (United Kingdom), with Ramon Lopez de Mantaras, Director of the Artificial Intelligence Research Institute of the Spanish National Research Council (CSIC) acting as secretary. Remaining members were Oussama Khatib, Professor in the Artificial Intelligence Laboratory in the Computer Sciences Department of Stanford University (United States), Rudolf Kruse, Head of the Department of Knowledge Processing and Language Engineering at Otto-von-Guerike-Universitat Magdeburg (Germany), Mateo Valero, Director of the Barcelona Supercomputing Center (Spain) and Joos Vandewalle, Head of the SDC Division in the Department of Electrical Engineering at the Katholieke Universiteit Leuven (Belgium).

The Awards Ceremony

Lotfi arrived in Madrid on June 19 and was received by part of the European fuzzy community which accompanied him during the Gala Concert taking place that evening. Rudolf Kruse, Ellie Sanchez, Rudolf Seissing, Javier Montero, Enric Trillas and Luis Magdalena, among others, attended the important event. The Gala Concert included works from Richard Wagner, Alban Berg, Pierre Boulez and Igor Stravinsky, performed in the magnificent environment of the Royal Theatre of Madrid.

After the concert, Prof. Zadeh jointly with Luis Magdalena, Director General of the European

Centre for Soft Computing (promoter of his nomination) and Ramón López de Mántaras (secretary of the Jury), had dinner at the restaurant of Westin Palace Hotel in Madrid (where all awardees and members of the different juries were hosted).



Dinner after the Gala Concert: Prof. Zadeh, Luis Magdalena and Ramón López de Mantarás.

On June 20th took place the Awards Ceremony itself in the Palacio del Marqués de Salamanca, BBVA Foundation headquarter.



Headquarter of the BBVA Foundation. Location of the Awards Ceremony.

The awardees in the eight categories were received by BBVA CEO, Mr. Francisco González, who chaired the ceremony jointly with Prof. Emilio Lora, President of the Spanish Research Council.



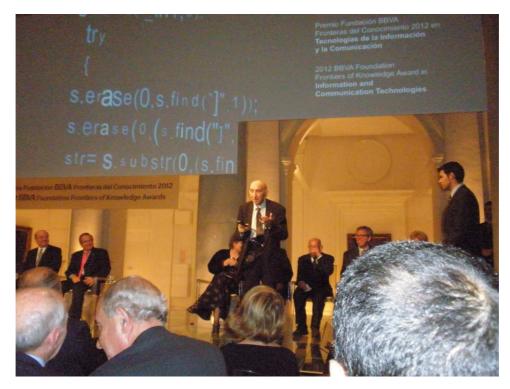
Mr. Francisco González with the awardees.

Prof. López de Mántaras read the decision of the Jury and accompanied Prof. Zadeh while receiving the Diploma from Mr. González and Prof. Lora.



Ramón López de Mátaras, Francisco González, Lotfi Zadeh and Emilio Lora.

Then Prof. Zadeh addressed the audience to thank the Award and offer a short view of fuzzy logic and some figures showing its successful application. His talk was enthusiastically received.



Prof. Zadeh addressing the audience.

Finally, a cocktail was offered to all attendants, in the garden of the palace.



The coctail after the Awards Ceremony

All information including a video message by Prof. Zadeh can be found at Fundación BBVA (http://www.fbbva.es/TLFU/tlfu/ing/microsites/premios/fronteras/galardonados/2012/informa cion.jsp).

IV. 2013 IFSA Fellows

The IFSA fuzzy fellow award has been created to bestow recognition on people who have made outstanding contributions to the field of fuzzy sets and the related disciplines. Criteria for selection consist of technical contributions, pioneering applications and support and development of the infrastructure of the fuzzy community. This year, the IFSA Commission for IFSA Fellowships (Ronald Yager acting as Chairman, Michio Sugeno, Henri Prade, Janusz Kacprzyk and George Klir) acknowledged the following colleagues as new IFSA Fellows:



Krassimir Atanassov – IFSA Fellow 2013

Krassimir T. Atanassov was born on 23 March 1954 in Burgas (Bulgaria). He studied in Department of Mathematics in Sofia University and defended dissertations for PhD in 1986, Doctor of Technical Science in 1997 and Doctor of Mathematical Sciences in 2000. Since 1998 he is a Professor in the Institute of Biophysics and Biomedical Engineering, where he is a head of the Department of Bioinformatics and Mathematical Modeling. He is Honorary Associate of the University of Technology,

Sydney (since 1995), Honorary Fellow of the KvB Institute of Technology, Sydney (since 2004) and Adjunct Professor of Raffles KvB Institute, Sydney (since 2007). He is a member of the Union of Bulgarian Mathematicians (since 1979), American Mathematical Society (since 1989), Union of Scientists in Bulgaria (since 2006), IFAC (since 2009) and IEEE (since 2011). K. Atanassov is an Editor-in-Chief of four international journals and member of the Editorial Boards of 12 others. His research interests are in the areas of fuzzy sets, Petri nets and number theory. He has about 600 papers in journals, 250 conference reports and 28 books.

In the area of fuzzy sets, Kr. Atanassov introduced the object of "Intuitionistic Fuzzy Set" as an extension of the fuzzy sets and investigated its basis properties and some of their applications in expert systems, systems theory, decision making and others. Over the intuitionistic fuzzy sets a lot of operations and relations are defined. A part of them have analogues in the theory of fuzzy sets. Over the intuitionistic fuzzy sets a lot of operators from modal, topological, level and other types are defined, without analogues for fuzzy sets and the other their extensions. Some extensions of the concept of an intuitionistic fuzzy set are defined, too. In the area of Petri nets, Kr. Atanassov introduced the object "Generalized Net"

as an extension of the Petri nets and their modifications, and investigated its basic properties, as well as some of its applications in artificial intelligence, systems theory, medicine, economics, transportation, chemical industry and others. Over the class of the generalized nets a lot of operations and relations are defined. A part of them have analogues in the theory of ordinary Petri nets. Topological and logical operators are defined without an analogue. Over the class of the generalized nets are defined 6 types of operators that change the structure and/or behavior of the nets at the time of their functioning. These operators have no analogue in the Petri nets theory. Some extensions of the concept of generalized nets are defined, too. For each of these extensions is proved that it is conservative one. For example, in 1985 K. Atanassov introduced the concept of intuitionistic fuzzy generalized net – first type of Petri nets with fuzzy components. In the area of number theory, he published a series of papers and three books, related to Fibonacci sequences and arithmetical functions



Miguel Delgado – IFSA Fellow 2013

Miguel Delgado was born in Granada, Spain, in May, 1951. He received the M.S. degree in mathematics, the Dipl. in statistics, the Ph.D. degree in science, and the O.R. Dipl. in science of education, all from the University of Granada, Granada, Spain, since 1968 to 1975.

Since 1989, he has been a Full Professor of computer science and artificial intelligence at The University of Granada. From 1996 to 2001, he was Vicerector of the same university. His teaching experience includes the

topics of decision theory, mathematical programming, algorithms theory, systems theory, operations research, information theory, knowledge engineering, and artificial intelligence. He has been the Principal Investigator as well as Member of the temas of more than ten research projects. He has published two books and more than 100 papers, 80 of them international journal. He has attended and presented communications or invited lectures in more than 30 national or international conferences and workshops. He has been and is currently a Member of different national and international program committees. Additionally, he has been the Advisor of more than 30 Ph.D. degree dissertations on topics related to decision making and optimization in fuzzy environmment, knoledge representation, knowledge engineering, neural network, machine learning, data mining, Ubiquitous Computing and Ambient Intelligence. He has been also and Invited Lecturer at several universities and scientific conferences. His main areas of interest are approximate reasoning, optimization problems, neural networks, learning models, decision support systems, and data mining.



Antonio Di Nola - IFSA Fellow 2013

Antonio Di Nola is Full Professor of Mathematical Logic and Director of the Department of Mathematics of the University of Salerno. SCIENTIFIC INTERESTS

Since the nineties he has been a leading proponent of the study of algebraic models of Lukasiewicz logic (MV-algebras), the most important among the many-valued logics. His contribution to the study of MV-algebras, witnessed by the seventeen citations of his works in

the fundamental monograph "Algebraic foundations of many-valued reasoning", includes: a functional representation theorem for all MV-algebras (aka Di Nola's Representation Theorem); the discovery of categorical equivalences between categories of MV-algebras and categories of groups, rings, and semi-rings, profitably used in the literature of MV-algebras, the discovery of an equational axiomatisation of all varieties of MV-algebras, and a normal form theorem for Lukasiewicz logic.

Today is actively committed to apply ideas from algebraic geometry in the MV-algebra and in the study of probability which admit infinitesimal values

He is author/coauthor of more than 170 scientific works, published on international journals of logic, algebra and computer science.



János Fodor - IFSA Fellow 2013

János Fodor is full professor of mathematics at Óbuda University, Budapest, Hungary. He is Doctor of the Hungarian Academy of Sciences. He has been pursuing research in mathematical foundations of fuzzy logic, computational intelligence, preference modelling, inference, and uncertainty management since 1987. He is co-author of two monographs and over 250 papers. These works received more than 4000 citations.

He acts as president of the Hungarian Fuzzy Association, chair of the IEEE Hungary Section Chapter of Computational Intelligence Society, and coordinator of the EUROFUSE EURO Working Group on Fuzzy Sets.

He is Doctor Honoris Causa of the "Politehnica" University of Timisoara (Romania).

He has presented papers at more than 150 international and domestic conferences. He has delivered numerous plenary and invited talks, and acted as General Chair, Program Committee Chair or Member at diverse scientific international conferences.

He is Editor-in-Chief of Acta Polytechnica Hungarica, Area Editor of Fuzzy Sets and Systems, member of the Editorial Advisory Board of the International Journal of Advanced Intelligence Paradigms, editor of the European Journal of Operational Research, Computing and Informatics, Acta Mechanica Slovaca, ROMAI Journal on Computer Science, Transactions on Automatic Control and Computer Science. He is Co-Editor-in-Chief of Springer Book Series entitled Topics in Intelligent Engineering and Informatics. He has been a coordinator of several research projects. He has been Invited Professor at various universities in Belgium, Italy, France and Spain.



Lluis Godo - IFSA Fellow 2013

Lluis Godo is a Research Professor at IIIA-CSIC, the Artificial Intelligence Research Institute (IIIA) of the Spanish National Research Council (CSIC), Barcelona, Spain. He obtained his MSc degree in Mathematics from the University of Barcelona (1979) and the PhD in Mathematics from the Technical University of Catalunya (1990). His main research interests include logics for Artificial Intelligence (AI), in

particular graded uncertainty reasoning formalisms, mathematical fuzzy logic, and argumentation systems. He is author of about 150 publications in international journals and conferences. He has been Program co-chair of FUZZ-IEEE'97, chair of the 8th European Conference on Qualitative and Quantitative Reasoning under Uncertainty ECSQARU 2005, and program co-chair of the 3rd Intl. Conf. on Scalable Uncertainty Management SUM 2009. He has served in the PC of numerous national and international AI-oriented conferences (ECAI, ECSQARU, IJCAI, KR, UAI, AAMAS, CCIA, CAEPIA) and fuzzy logic-oriented conferences (EUSFLAT, FUZZ-IEEE, IFSA, IPMU, LATD, ESTYLF). He has been guest editor of several special issues of international journals and volumes, and he is currently Area Editor of the journal Fuzzy Sets and Systems, Associate Editor of Soft Computing and member of the editorial board of the Artificial Intelligence Journal. He is Fellow of the European Coordinating Committee for Artificial Intelligence (ECCAI) and past vice-president of the European Society for Fuzzy Logic Technologies (EUSFLAT) and of the Catalan AI association (ACIA).



Francisco Herrera - IFSA Fellow 2013

Francisco Herrera received the Ph.D. degree in Mathematics from the University of Granada (SPAIN) in 1991. He is currently a Professor in the Department of Computer Science and Artificial Intelligence at the University of Granada. He has been the supervisor of 28 Ph.D. students and he has published more than 240 papers in international peer-reviewed journals. He is coauthor of

the book "Genetic Fuzzy Systems: Evolutionary Tuning and Learning of Fuzzy Knowledge Bases" (World Scientific, 2001).

He has received the following honors and awards: ECCAI Fellow 2009, IFSA 2013 Fellow, 2010 Spanish National Award on Computer Science ARITMEL to the "Spanish Engineer on Computer Science", International Cajastur "Mamdani" Prize for Soft Computing (Fourth Edition, 2010), IEEE Transactions on Fuzzy System Outstanding 2008 Paper Award (bestowed in 2011), and 2011 Lotfi A. Zadeh Prize Best paper Award of the International Fuzzy Systems Association.

He currently acts as Editor in Chief of the international journal "Progress in Artificial Intelligence (Springer). He acts as an area editor of the International Journal of Computational Intelligence Systems and associated editor of the journals: IEEE Transactions on Fuzzy Systems, Information Sciences, Knowledge and Information Systems, Advances in Fuzzy Systems, and International Journal of Applied Metaheuristics Computing; and he serves as a member of several journal editorial boards, among others: Fuzzy Sets and Systems, Applied Intelligence, Information Fusion, Evolutionary Intelligence, International Journal of Hybrid Intelligent Systems, Memetic Computation, and Swarm and Evolutionary Computation.

His research fields of interest include computing with words and decision making, fuzzy rule based systems, genetic fuzzy systems, fuzzy data mining and big data, among other soft computing and data mining areas.



Donald Kraft - IFSA Fellow 2013

I am an alumnus of Purdue University, where I majored in industrial Engineering, specializing in operations research. I have been a faculty member taught at Purdue University, the University of Maryland, Indiana University, the University of California - Berkeley, the University of California - Los Angeles, the U. S. Air Force Academy, and Louisiana State university. I served for a while as department chair

in computer science and am currently Professor Emeritus from LSU. I am now an adjunct professor at Colorado Technical University. My research interests include operations research, information retrieval, fuzzy set theory, rough set theory, and genetic algorithms. I have taught courses in database management, operations research, programming languages, software engineering, and information retrieval, among others.

I have served as NAFIPS conference co-chair twice, have been an associate editor of *IEEE transactions on Fuzzy Systems*, and was editor for the *Journal of American Society for Information Science and Technology* (JASIST) for twenty-four years. I am an IEEE and AAAS Fellow, an ACM Distinguished Scientist, a LSU Distinguished Professor, and winner of the ASIST Research Award and Award of Merit. I am greatly honored to have been named an IFSA Fellow.



Chin-Teng Lin - IFSA Fellow 2013

Dr. Chin-Teng Lin received the B.S. degree from National Chiao-Tung University (NCTU), Taiwan in 1986, and the Master and Ph.D. degree in electrical engineering from Purdue University, USA in 1989 and 1992, respectively. He is currently the Provost, Chair Professor of Electrical and Computer Engineering, and Director of Brain Research Center,

National Chiao Tung University. Dr. Lin was elevated to be an IEEE Fellow for his contributions to biologically inspired information systems in 2005. He served on the Board of Governors at IEEE Circuits and Systems (CAS) Society in 2005-2008, IEEE Systems, Man, Cybernetics (SMC) Society in 2003-2005, IEEE Computational Intelligence Society in 2008-2010, Chair of IEEE Taipei Section in 2009-2010. Dr. Lin was the Distinguished Lecturer of IEEE CAS Society from 2003 to 2005. He served as the Deputy Editor-in-Chief of IEEE Transactions on Circuits and Systems-II in 2006-2008 and serve as the Editor-in-Chief of IEEE Transactions on Fuzzy Systems in 2011-2016. Dr. Lin was the General Chair of FUZZ-IEEE2011, Program Chair of IEEE International Conference on Systems, Man, and Cybernetics in 2005. Dr. Lin is the coauthor of Neural Fuzzy Systems (Prentice-Hall), and the author of Neural Fuzzy Control Systems with Structure and Parameter Learning (World Scientific). He has published over 170 journal papers in the areas of neural networks, fuzzy systems, multimedia hardware/software, and cognitive neuro-engineering, including approximately 85 IEEE journal papers.

Dr. Lin is a member of Tau Beta Pi, Eta Kappa Nu, and Phi Kappa Phi honorary societies. He has been the member of Board of Government (BoG) of Asia Pacific Neural Network Assembly (APNNA) since 2000; and the Council member of International Fuzzy System Association (IFSA) since 2000. Dr. Lin was the President of APNNA for 2004-2005. He has won the Outstanding Research Award granted by National Science Council (NSC), Taiwan, since 1997 to present, the Outstanding Electrical Engineering Professor Award granted by the Chinese Institute of Electrical Engineering (CIEE) in 1997, the Outstanding Engineering Professor Award granted by the Chinese Institute of Electrical Engineering (CIE) in 2000, and the 2002 Taiwan Outstanding Information-Technology Expert Award. Dr. Lin was also elected to be one of the 38th Ten Outstanding Rising Stars in Taiwan (2000). The main axis in Dr. Lin's research career is to pursue for the *biological-inspired intelligent systems*, including algorithm development and system design. The research interests cover the basic circuitry level, to signal and information level, and to the system level, either from the biological or engineering point of views. The short-term target system is *brain machine interface* and the long-term goal is on *brain-like intelligent system*.

V. Call for papers

1. Special Issue of the IEEE Transaction on Fuzzy Systems

FUZZY SYSTEMS

Special Issue on

Web-Based Intelligence Support Systems using Fuzzy Set Technology

I. Aims And Scope

Web-based technology has enjoyed a tremendous growth and exhibited a wealth of development at both conceptual and algorithmic levels. In particular, there have been numerous successful realizations of Web-based support systems in various application areas, including e-learning, e-commerce, e-government, and e-market. Web-based support systems are highly visible and influential examples of user-oriented technology supporting numerous human pursuits realized across the Internet. In the two categories of decision support systems and recommender systems, the facet of user centricity and friendliness is well documented.

Recent literature review demonstrates that more and more successful developments in Web-based support systems are being integrated with fuzzy sets to enhance intelligence-oriented functionality such as web search systems by fuzzy matching; Internet shopping systems using fuzzy multi-agents; product recommender systems supported by fuzzy measure algorithms; e-logistics systems using fuzzy optimization models; online customer segments using fuzzy data mining; fuzzy case-based reasoning in e-learning systems, and particularly online decision support systems supported by fuzzy set techniques. These developments have demonstrated how the use of fuzzy set technology can benefit the implementation of Web-based support systems in business real-time decision making and government online services.

In light of the above observations, this special issue is intended to form an international forum presenting innovative developments of fuzzy set applications in Web-based support systems. The ultimate objective is to bring well-focused high quality research results in Web-based support systems with intent to identify the most promising avenues, report the main results and promote the visibility and relevance of fuzzy sets. The intent is to raise awareness of the domain of Web-based technologies as a high-potential subject area to be pursued by the fuzzy set research community.

II. Topics Covered

Fuzzy sets technology in

- Web-based group support systems
- Web-based decision support systems
- Web-based personalized recommender systems
- Web-based knowledge management systems
- We-based customer relationship management
- Web-based tutoring systems

and *their applications* to:

- E-business intelligence
- E-commerce intelligence
- E-government intelligence
- E-learning intelligence

III. Important Dates

Aug. 1, 2013: Submission deadline Nov. 1, 2013: Notification of the first-round review Jan. 1, 2014: Revised submission due Mar. 1, 2014: Final notice of acceptance/reject

IV. Submission Guidelines

Manuscripts should be prepared according to the instruction of the "Information for Authors" section of the journal found and submission should be done through the IEEE TFS journal website: http://mc.manuscriptcentral.com/tfs-ieee/ Clearly mark "Special Issue on Web-Based Intelligence Support Systems using Fuzzy Set Technology" in your cover letter to the Editor-in-Chief. All submitted manuscripts will be reviewed using the standard procedure that is followed for regular submissions.

V. Guest Editors

Prof. Witold Pedrycz

Department of Electrical & Computer Engineering University of Alberta, Canada e-mail: <u>wpedrycz@ualberta.ca</u>

Prof. Jie Lu

School of Software Faculty of Engineering and Information Technology, University of Technology, Sydney, Australia e-mail: jie.lu@uts.edu.au

2. Special Issue of the International Journal of Fuzzy Systems

Special Issue for 2013 International Conference on Fuzzy Theory and Its Applications (iFUZZY2013)

Fuzzy theory has been a practical alternative for numerous challenging applications because it can provide nonlinear mechanisms with the use of linguistic information or some intelligent means. The international conference on Fuzzy Theory and Its Applications (iFUZZY2013) just gets started last year, whereas its national conference in Taiwan has been 20 years since its first launch in 1993. *International Journal of Fuzzy Systems* intends to create a special issue for this new international conference, iFUZZY2013. In order to expedite the review process of all submitted papers, we will have a special session in iFUZZY2013 to let authors have chances to reply to the reviewers' comments. All intended authors are asked to submit a corresponding conference paper to the conference paper and the submitted paper to IJFS must have at least 30% of difference to avoid any copyright issue. We will send out the review comments before Nov. 10 so that the authors can prepare their replies to be presented on Dec. 7. If the reviewers are satisfied with the replies, the submitted papers will be accepted on site and are expected to be published in 2014.

Key Dates :

Conference paper submission deadline: August 1st, 2013. Journal paper submission deadline: October 10th, 2013. The first review notification: November 10th, 2013. Onsite replies to the review comments: December 7th, 2013. Planned publication date: March, 2014

Guest Editors:

- Dr. Chia-Feng Juang, Professor of Electrical Engineering, National Chung Hsing University, Taichung, Taiwan
- Dr. Shun-Feng Su, Chair Professor of Department of Electrical Engineering, National Taiwan University of Science and Technology, Taipei, Taiwan,
- Dr. Wen-June Wang, Chair Professor and Dean of College of Electrical and Computer Engineering National Central University, Chung-Li, Taiwan
- Dr. Kao-Shing Hwang, Professor of Electrical Engineering, National Sun Yat-Sen University, Koahsiung, Taiwan

Submission Systems: <u>http://isdlab.ie.ntnu.edu.tw/IJFS/index.php</u> (When entering the system, please select iFuzzy 2013 special issue for submitting papers.)

More information about iFuzzy 2013 available at http://isdlab.ie.ntnu.edu.tw/ifuzzy2013/.

3. Call for Papers of iFUZZY2013

Thanks to technical support from International Fuzzy Systems Association and other two well-known societies, Taiwan Fuzzy Systems Association, IEEE Systems, Man, and Cybernetics Society and National Taiwan University of Science and Technology, work together as co-founders to organize the 2013 international conference on fuzzy theory and its applications (iFUZZY2013) on 6-8 December, 2013. This three-day conference, hosted by National Taiwan University of Science and Technology, Taipei, 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: W. Pedrycz; C. T. Lin; E. Santos Jr.; and B. De Baets Details can be seen on http://isdlab.ie.ntnu.edu.tw/ifuzzy2013/KeynoteSpeech.html.
- 2. Panel discussion: Publications in Fuzzy related Journals

Panelists: W. J. Wang: EIC of International Journal of Fuzzy Systems (Category:

Computer Science, Artificial Intelligence (Rank:58/111; IF = 1.157));

- W. Pedrycz: EIC of IEEE Transactions on Systems, Man, and Cybernetics: Systems (Category: Computer Science, Theory & Methods (Rank:7/99; IF=2.123)) and of Information Science (Category: Computer Science, Information System (Rank:9/135; IF=2.833));
- **C. T. Lin:** EIC of *IEEE Transactions on Fuzzy Systems* (Category: Computer Science, Artificial Intelligence (Rank:5/111; IF=4.26));
- **E. Santos Jr. :** EIC of *IEEE Transactions on Cybernetics* (Category: Computer Science, Artificial Intelligence (Rank:10/111; IF=3.08));
- **B. De Baets:** Co-EIC of *Fuzzy Sets and Systems* (Category: Computer Science, Theory & Methods (Rank:11/99; IF=1.759));

Okyay Kaynak: EIC elect. of *IEEE/ASME Trans. on Mechatronics* (Category: Automation & Control Systems (Rank:4/58; IF=2.865)

 \rightarrow Come to listen to what those EICs say about publication in fuzzy related journals

- Special Issue in International Journal of Fuzzy Systems (<u>http://isdlab.ie.ntnu.edu.tw/ifuzzy2013/IJFSSpecialIssue.html</u>)
 →Candidate papers will be presented and accept Q/A on site.
- AE dinners for Related journals → It means lots of experts (AEs) are here. Please come to them on site.
- 5. **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 IEEExplore (IEL database) provided that the IEEE required conditions are satisfied.

Currently, iFUZZY2013 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://isdlab.ie.ntnu.edu.tw/ifuzzy2013/. 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 June 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.tbroc.gov.tw.

Sincerely yours,

Shun-Feng Su General Chair, iFUZZY2013, Chair Professor, Department of Electrical Engineering, National Taiwan University of Science and Technology, Taipei, Taiwan *iFUZZY 2013*

National Taiwan University of Science and Technology, Taipei, Tawian December 6-8, 2013

national Conference on Fuzzy Theory and Its Applications

Bookramy General Chair Tau-Tun Loc, Chair Professor, Chung-Yiuan Christian Univ. Ching-Jong Luco, Nat Taiwan Univ, of Sci. and Tech, Taiwan International Advisory Committee Oncer Castillo, President, IFEA, Tijuana Inst Technology,

Mexico Philip C. L. Chen, University of Macao, Macao

Oijun Chen, Tongji Univ., Chma Shyi-Ming Chen, Nati Taiwan Univ. of Sei, and Tech., Taiwan Sungahin Kimi, Pusan Nati Univ., Kierea

Viadik Kromovich, Univ. of Toxas at Bi Paso, USA Hak-Koung Lam, King's Coll. London, UK Han-Xiong Li, City Univ. of Hong Kong, Hong Kong Ching-Ting Lim, Natl Chiao Tung Univ., Tanvan Chun-Liang Lin, Natl Chung Haing Univ., Taiwan Mas-Kang Luo, Sichuan Univ.,China Patricia Melin, Tijuana Institute of Tech., Mexico Javier Montero, Complutenae Univ., Spain Hajime Nobuhata, University of Tsukuba, Japan Gyei-Katk Park, Mokpo Nati Maritmie Univ., Korea Witold Podrycz, University of Alberta, Canada Inne, J. Rudas, President of Obuda Univ., Hungary Bugene Santos Jr., Dartmouth College, U Sa Peng Shi, The Univ.of Adelaide, Australia Kazuo Tanaka, Univ. of Bloctro-Communicationa, Japan Ricardo Tanacholt, PUC-RJ, Grazil

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