IFSA Newsletter Vol. 8, No. 1,

November 2011



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EDITED BY: Shun-Feng Su

VP for publicity

IFSA did not publish newsletters for a long time. Here, we would like to re-establish this channel for all members of IFSA. We hope that IFSA newsletters can become a forum to share news and ideas for all members. In this issue, we would like to give some briefs for IFSA. The current institutional members are introduced first and then the short biographies for the current officers of IFSA are given. Since it is not easy to get all necessary information till the deadline of this issue, some missing information will be given in the next issue. Also, a summary of the IFSA council meeting hold in Surabaya, Indonesia, June 20, 2011 is reported. Finally, the call for papers of IFSA world Congress 2013 is announced. We hope that all IFSA members can plan to participate this biannual IFSA event.

I. IFSA institutional members

The International Fuzzy Systems Association (IFSA) is a worldwide organization dedicated to the support, development and promotion of the fundamental issues of fuzzy theory and its various applications. IFSA organizes and encourages participation in open discussion sessions on the future directions and restructuring of fuzzy theory in IFSA congresses. Furthermore, IFSA publishes the International Journal of *Fuzzy Sets and Systems* (SCI, IF: 1.875) and sponsors workshops and conferences on fuzzy theory. The Association functions primarily as a federation of its institutional members, but also provides services for its individual and corporate members. The Institutional member is a national or regional not-for-profit organization (a society, association, institute, etc.) whose purpose is related to and compatible with the purpose of the Association. The following table is the current institutional members of IFSA and their associated publications.

Table 1 IFSA institutional members and their publications

IFSA institutional member name	# of	Publication(s) of the member
(category)	Mem.	
Japan Society for Fuzzy Theory and	933	Journal of Japan Society for Fuzzy Theory
Intelligent Informatics (B)		and Intelligent Informatics (bimonthly)
Korean Institute of Intelligent Systems (B)	1236	Journal of Korean Institute of Intelligent Systems (bimonthly Korean journal) and International Journal of Fuzzy Logic and
		Intelligent Systems (quarterly)
Taiwan Fuzzy Systems Association (B)	205	International Journal of Fuzzy Systems(quarterly) (SCI, IF: 1.362)
Fuzzy Mathematics and Systems Association of China (C)	200	Fuzzy Systems and Mathematics (bimonthly)
European Society for Fuzzy Logic and Technology (C)	267	International Journal of Computational Intelligence Systems (SCI, IF: 1.471) and Mathware and Soft Computing (soon to be launched)
North American Fuzzy Information Processing Society (C)	150	International Journal of Approximate Reasoning (SCI, IF: 1.679)
Brazilian Society of Automatics (C)	310	Controle & Automa_o (quarterly)
International Association for Fuzzy Set Management and Economy (C)	225	Fuzzy Economic Review (twice yearly)
Hungarian Fuzzy Association (C)	53	
Fuzzy systems and Intelligent Technologies Research Society of Thailand (C)		
North European Society of Adaptive and Intelligent Systems (C)	16	
Hispanic-American Fuzzy System Association (C)	120	
Indonesian Soft Computing Society (C)	790	
Fuzzy Systems Association of Turkey (C)		
Iranian Coalition on Soft Computing (C)	106	
Russian Association for Fuzzy Systems and Soft Computing (C)	165	Journal Fuzzy Systems and Soft Computing (Russian) and Journal Artificial Intelligence and Decision Making (Russian)
Fuzzy Systems Society, Vietnam (C)	100	

The following, we have several briefs from those local associations.

HISPANIC AMERICAN FUZZY SYSTEMS ASSOCIATION (HAFSA)

This Association is formed by, professors, researchers and students that have a real

interest and work actively in the fuzzy systems area. This association also accepts individuals

from related computing areas, such as neural networks, evolutionary computing, and soft

computing in general. The main goal of the association is to promote research and education

in the area of fuzzy systems and related areas of soft computing. Another important goal of

the association is the promotion and exchange of new ideas, and building new collaborations

between researchers of different institutions.

The association is constituted by a President, a Vice-President, a Council, the Regular

members, and the Student members. The President is a prominent Hispanic American

researcher in the fuzzy systems area and well recognized by international fuzzy systems

community. The President has a term of three years and can be re-elected for another term by

the council of the association. The council is constituted by the President, Vice-President, and

five regular members that are elected by all the members of the association. The members of

the council have a term of three years and can be re-elected for this position one time.

One of the most important goals of the association is the organization of annual events,

such as Conferences and Workshops, in Mexico or nearby regions in the areas of fuzzy

systems and soft computing. These events will promote the participation of researchers,

professors and students from Mexico and Hispanic America and also from other countries, to

stimulate the exchange of ideas and future collaborations. The association will have a least

one council meeting per year in one of these events. In these council meetings, the members

will discuss and make presentation of new projects and policies for the association.

The positions of President and Vice-President are the following (at this moment):

PRESIDENT: Prof. Dr. Patricia Melin, Tijuana Institute of Technology

VICE-PRESIDENT: Prof. Dr. Oscar Castillo, Tijuana Institute of Technology

The other members of the Council are the following:

1) Prof. Oscar Montiel, CITEDI-IPN

2) Prof. Roberto Sepulveda, CITEDI-IPN

3) Prof. Dr. Antonio Rodriguez, UABC University

4) Prof. Dr. Mario Chacon, Chihuahua Institute of Technology

5) Prof. Dr. Eduardo Ramirez, La Salle University

3

Japan Society for Fuzzy Theory and Intelligent Informatics

The Japan Society for Fuzzy Theory and Intelligent Informatics (SOFT) is an academic society whose mission is to elucidate, realize, and apply intelligence comprehensively from all directions, including fuzzy theory. The society spans multiple academic disciplines, expanding beyond the natural sciences and technology to include the humanities and social sciences. It is involved in extensive interdisciplinary research domains, supported by a diverse array of researchers, technicians, and other members with various backgrounds.

SOFT is currently operated by 12th board meeting (term 2011–2013), and the 12th president is Prof. Tomohiro Takagi, one of the most famous pioneers in fuzzy control, that is, the proposer of the Takagi-Sugeno model (IEEE Trans. Vol. SMC-15, NO.1 1985). Prof. Takagi was also the 11th president of SOFT, and during this period, he organized a task force for restructuring SOFT. The task force activities presented various proposals to revive the society, especially to develop the SOFT social network service (SNS) and to focus on the five core fields of soft computing.

The SOFT SNS was launched on April 1, 2011, and over thousand SOFT members use this system. The SOFT SNS encourages communications and discussion among members and enables web-based communication among them irrespective of physical distance. More importantly, the SOFT SNS allows members to form/remove a research group and discuss special research topics freely, and this means that the society can flexibly follow the cutting-edge developments in related engineering fields.

With respect to the five core fields of soft computing, we focus on human coexistence systems, Web intelligence, perception science, and decision-making in the near term, while covering a diverse spectrum of truly interdisciplinary areas of problem-solving. These areas involve methodologies such as diagnosis; pattern recognition; modeling; human interface; multimedia; decision-making systems theory; organizational theory; mathematical design; evaluation; business administration; statistics; and data analysis covering specific technologies such as control, robotics, medicine and welfare, finance, construction and civil engineering, education, safety and security, plant management, artificial life, socioeconomic systems, and natural systems, and extend to psychology, natural linguistics, logic, mathematics, and philosophy. We have also set our sights on fields that have great potential in the future. The society will anticipate various changes in research, technology, and the environment that concern intelligence, and continue to explore relevant guidelines.

SOFT hosts forums for providing information and holding discussions using Internet technologies; organizes symposiums, study groups, international conferences, and other events; edits and issues society and academic journals; and operates a publishing business. "Fuzzy System Symposium," an annual domestic symposium organized by SOFT, attracts approximately 400–500 participants. The International Conference on Soft Computing and

Intelligent Systems (SCIS), an international conference, also organized by SOFT, draws approximately 500 participants. We are pleased that all IFSA researchers will take interest in SOFT's activities.

BRAZILIAN SOCIETY OF AUTOMATICS (SBA)

The Brazilian Society of Automatics (SBA) was established in 1975 with the initial aim of promoting the development of automatic control and its applications, in a broad sense, in Brazil. Since then, SBA has enlarged its scope, thus becoming the main reference point for several scientists and specialists operating in the areas of Robust Control, Process Control, Robotics, Industrial Informatics, Electric Power Systems, Power Electronics, Signal Processing, Biomedical Engineering, Computational Intelligence, Industrial Automation and Education in Control. SBA is a non-profit organisation formed by Brazilian researchers, specialists and students and is constituted as follows: a President, a Vice-President, a Secretary and a Treasurer, who are elected every two years. It has a six-member Council, also elected every two years by all SBA members. SBA is responsible for a scientific journal, Controle & Automação, published quarterly and distributed to all its members. It is a peer-reviewed publication and accepts high-standard papers in English, Portuguese and Spanish. It is indexed by INSPEC and Compendex Plus and is published in electronic format by SciELO. The society is directly responsible for two national events, the Brazilian Congress on Automation – CBA (since 1976) and the Brazilian Symposium on Intelligent Automation – SBAI (since 1993), which occur in alternate years. Sessions on fuzzy control, neural and neuro-fuzzy systems, genetic algorithms and other computational intelligence techniques are relevant parts of these events. SBA became a member of IFSA in 1997 an its activities concerning IFSA are closely related to SBA's Intelligent Systems Committee. There are around 100 Brazilian researchers and professionals active in the field of fuzzy systems, many of them members of SBA. The main activities of SBA members, regarding fuzzy systems specifically, are described below:

- Organization of technical sessions in the Brazilian Symposium on Intelligent Automation and in the Brazilian Congress on Automation,
- Participation in program committees of various Brazilian and international events.
- Reviewing of papers submitted to the events above and to IFSA and FUZZ-IEEE meetings, among others, as well as to IEEE, IFSA, and IFAC journals.
- Presentation and publication of papers in several national and international meetings and journals.
- Supervision of students and participation in thesis committees (M.Sc. and Ph.D.).

Taiwan Fuzzy systems Association

Taiwan Fuzzy systems Association (TFSA) was founded in Feb. 19, 1994. TFSA is devoted to provide platforms for knowledge and experience exchanging and to promote and to develop the extensive applications of fuzzy theory. TFSA is a non-profit society organized based on the decrees of Ministry of the Interior in Taiwan. TFSA is formed by Taiwanese researchers, specialists and students and is governed by an administration committee (15 members) and a supervisory committee (5 members). The administration committee will elect the President of TFSA from its members. All those committee members are elected from all members of TFSA every two years. TFSA is also responsible for a peer-reviewed journal, *International Journal of Fuzzy Systems* (http://www.ijfs.org.tw/), published quarterly. The journal is published in English and indexed by EI and SCI. It has its impact factor as 1.362 in the 2011 SCI citation database. It also has been included in various electronic databases. The society is directly responsible for one national event, the national conference on Fuzzy Theory and Its applications.

II. IFSA officers

IFSA President



Prof. Oscar Castillo

As president of IFSA the main activities consist in the coordination and promotion of the members activities, as well as proposing new ways improve the efforts in enhancing the fuzzy systems area. In particular, the main focus in on improving the quality of publications, conferences and workshops sponsored by IFSA by using the knowledge and experience of the IFSA members.

Oscar Castillo holds the Doctor in Science degree (Doctor Habilitatus) in Computer Science from the Polish Academy of Sciences (with the Dissertation "Soft Computing and Fractal Theory for Intelligent Manufacturing"). He is a Professor of Computer Science in the Graduate Division, Tijuana Institute of Technology, Tijuana, Mexico. In addition, he is serving as Research Director of Computer Science and head of the research group on fuzzy logic and genetic algorithms. Currently, he is President of IFSA (International Fuzzy Systems Association). Prof. Castillo is also Chair of the Mexican Chapter of the Computational Intelligence Society (IEEE). He also belongs to the Technical Committee on Fuzzy Systems of IEEE and to the Task Force on "Extensions to Type-1 Fuzzy Systems". He is also a member of NAFIPS, IFSA and IEEE. He belongs to the Mexican Research System with Level 2. His research interests are in Type-2 Fuzzy Logic, Fuzzy Control, Neuro-Fuzzy and

Genetic-Fuzzy hybrid approaches. He has published over 100 journal papers, 6 authored books, 16 edited books, and more than 200 papers in conference proceedings. He has been Guest Editor of several successful Special Issues in the past, like in the following journals: Applied Soft Computing, Intelligent Systems, Information Sciences, Non-Linear Studies, Fuzzy Sets and Systems, JAMRIS and Engineering Letters (www.hafsamx.org/castillo).

IFSA President-elected



Prof. Christer Carlsson

Professor of Management Science at Åbo Akademi University.

IFSA Secrectary



Prof. Luis Magdalena

Luis Magdalena received the M.S. and Ph.D. degrees in Telecommunication Engineering, both from the Universidad Politecnica de Madrid, Spain, in 1988 and 1994, respectively. He has been an Associate Professor in Computer Science at the Department of Applied

Mathematics of the Universidad Politecnica de Madrid since 1995, where he was previously Assistant Professor since 1990. In 1998 he Co-founded the Company Daedalus: Data, Decisions and Language (spin-off of UPM). From 2003 to 2005 he was Deputy Director (and promoter) of the Centro de Domótica Integral (Smart House Research Center), at Universidad Politécnica de Madrid. In 2006 he joined the Foundation for the Advancement of Soft Computing/European Center for Soft Computing as Director General. His research interests include Soft Computing and its application, particularly in the field of robotics and automation. He has been actively involved in research projects funded by National and European programs, as well as by private companies, being project leader in more than fifteen of those projects. He is co-author of the book "Genetic Fuzzy Systems: Evolutionary Tuning and Learning of Fuzzy Knowledge Bases" (World Scientific, 2001). He is co-editor of the books "Technologies for Constructing Intelligent Systems" (two volumes, Phisica Verlag, 2002), "Interpretability Issues in Fuzzy Modeling" (Springer, Studies in Fuzziness and Soft Computing, 2003), "Accuracy Improvements in Linguistic Fuzzy Modeling" (Springer,

Studies in Fuzziness and Soft Computing, 2003), and "Foundations of Reasoning under Uncertainty" (Springer, Studies in Fuzziness, 2010). Hi has also authored over one hundred and fifty papers in books, journals and conferences, and edited special issues of different journals, being Area Editor for Engineering applications of the "International Journal of Uncertainty, Fuzziness and Knowledge Based Systems", and member of the Editorial Board or regular reviewer for over ten international journals. From 2001 to 2005 he has been the President of the "European Society for Fuzzy Logic and Technologies", and Vice-president of IFSA from 2007 to 2011. He is Senior member of IEEE, and member of the AdCom and Chair of the University Curricula Sub-Committee of IEEE Computational Intelligence Society. Since 2009 he is a member of the Scientific Advisory Committee of the Spanish Research Council (Consejo Superior de Investigaciones Científicas, CSIC). He has been member of the Program Committee of more than thirty National and International Conferences, serving as General, Program or Publicity Chair for some of them.

The Treasurer of IFSA



Prof. Imre J. Rudas

The Treasurer of IFSA is responsible for administration of the funds of the Association as directed by the Council. He makes a financial report to the Association at each Council and General Business meeting (or whenever requested by the president), and also presents a budget proposal for the coming term to the Council. The Treasurer is empowered in the name of the Association to accept and hold funds and property, and, under the authority and approval of the President, to employ staff and to make

contracts subject to the following restrictions

Imre J. Rudas graduated from Bánki Donát Polytechnic, Budapest in 1971, received the Master Degree in Mathematics from the Eötvös Loránd University, Budapest, the Ph.D. in Robotics from the Hungarian Academy of Sciences in 1987, while the Doctor of Science degree from the Hungarian Academy of Sciences in 2004. He received his first Doctor Honoris Causa degree from the Technical University of Košice, Slovakia and the second one from "Polytechnica" University of Timisoara, Romania. He is active as a full university professor He served as the President of Budapest Tech from 2003 till 2010. He was elected in 2010 as the President of Óbuda University, the successor of Budapest Tech for a period of five years. He is a Fellow of IEEE, Senior AdCom member of IES, he served IES as a Vice-President in 2000-2001. He is Chair of IEEE Hungary Section, Vice-President of the Hungarian Academy of Engineering. He is the treasurer of IFSA (International Fuzzy System Association), he had been the President of Hungarian Fuzzy Association for ten years. He serves as an associate editor of some scientific journals, including IEEE Transactions on

Industrial Electronics, member of editorial board of Journal of Advanced Computational Intelligence, member of various national and international scientific committees. He is the founder of the IES Sposored IEEE International Conference Series on Intelligent Engineering Systems (INES) and IEEE International Conference on Computational Cybernetics (ICCC), and some international symposia. He has served as General Chairman and Program Chairman of numerous scientific international conferences. His present areas of research activities are Computational Cybernetics, Robotics with special emphasis on Robot Control, Soft Computing, Computed-aided Process Planning, Fuzzy Control and Fuzzy Sets. He has published books, more than 530 papers in books, various scientific journals and international conference proceedings.

IFSA Vice President (for membership)



Prof. Takeshi Furuhashi,

Professor of Computational Science and Engineering, Nagoya University, Japan

IFSA Vice President (for conference) Mao-Kang Luo

IFSA Vice President (for Awards)



Prof. Javier Montero

Javier Montero is Full Professor at the Department of Statistics and Operational Research, Faculty of Mathematics, Complutense University of Madrid (Spain). He holds a Ph.D. in Mathematics from Complutense University since 1982 and has been leading research

projects since 1987. He is author of more than 80 research papers in refereed journals such as Approximate Reasoning, Computational Intelligent Systems, Computer and Operational Research, European Journal of Operational Research, Fuzzy Sets and Systems, General Systems, IEEE Transactions on Neural Nerworks, IEEE Transactions on Systems, Man and

Cybernetics, Information Sciences, Intelligent Systems, Journal of Algorithms, Knowledge Based Systems, Kybernetes, Kybernetika, Mathware, Multiple Valued Logic, New Mathematics and Natural Computation, Non Linear Analysis, Omega, OR Spectrum, Pure and Applied Geophysics, Remote Sensing, Soft Computing, Top, and Uncertainty, Fuzziness and Knwledge-Based Systems, plus more than 80 refereed papers as book chapters. His research interests are in Aggregation Operators, Preference Representation, Multicriteria Decision Aid, Group Decision Making, System Reliability Theory and Classification problems, mainly viewed as application of Fuzzy Sets Theory. He is currently the President of the European Association for Fuzzy Logic and Technology, EUSFLAT, Vice-President of the International Fuzzy Systems Association, IFSA, and Dean at the Faculty of Mathematics, Complutense University of Madrid, after more than 12 years in different academic management positions at the University.

IFSA Vice President (for publicity)



Prof. Shun-Feng Su

The Vice President for publicity currently is responsible for publishing newsletter and promoting all activities sponsored by IFSA.

Shun-Feng Su received the B.S. degree in electrical engineering, in 1983, from National Taiwan University, Taiwan, R.O.C., and the M.S.

and Ph.D. degrees in electrical engineering, in 1989 and 1991, respectively, from Purdue University, West Lafayette, IN. He is now a Chair Professor of the Department of Electrical Engineering, National Taiwan University of Science and Technology, Taiwan, R.O.C. He is an IEEE Fellow, an IET Fellow and CACS fellow. He has published more than 150 refereed journal and conference papers in the areas of robotics, intelligent control, fuzzy systems, neural networks, and non-derivative optimization. His current research interests include computational intelligence, machine learning, virtual reality simulation, intelligent transportation systems, smart home, robotics, and intelligent control. Dr. Su is very active in various international/domestic professional societies. He is now the president of the Taiwan Fuzzy Systems Association and is in the Boards of Governors of the Chinese Automatic Control Society, the Taiwan Society of Robotics, and the Taiwan Association of System Science and Engineering. Dr. Su also acted as Program Chair, Program Co-Chair, or PC members for various international and domestic conferences. Dr. Su currently serves as Associate editors of *IEEE Transactions on Systems, Man, Cybernetics, Part B*, and *International Journal of Fuzzy Systems*.

III. Report of 2011 IFSA council meeting at Surabaya

Date: June 20, Monday, 2011

Place: Theater Building of Electronic Engineering Polytechnic Institute of Surabaya (EEPIS)"

Attendants: Kaoru Hirota (President), Oscar Castillo (President-elect), Christer Carlsson Vice President), Luis Magdalena (Vice-President), Janusz Kacprzyk (Former President), Takeshi Furuhash (Secretary), Sungshin Kim (KIIS), Chih-Min Lin (TFSA), Francisco Javier Montero (EUSFLAT), Laszlo T. Koczy (HFA), Patricia Melin (HAFSA), Son Kuswadi (SC-INA), Witold Pedrycz (Ex-President, Organizer of IFSA-Edmonton)

• Election results :

President-elect: Christer Carlsson.

Secretary: Luis Magdalena.

Vice-President: Takeshi Furuhashi; Mao-Kang Luo; Javier Montero; Shun-Feng Su.

Institutional member news

Christer raised an issue of exploring the possibilities to start using social media. For that purpose, IFSA homepage should be developed to afford use of blogging and videos. IFSA homage should be linked to various web pages for blogs. Will IFSA spend money for developing the homepage for blogging and links to the member societies? Christer is ready to help developing the webpage, because in his university a new system has been developed and there are staffs to assist operating the system.

Awards

- **IFSA Award:** Ronald Yager and Enric Trillas.
- ** IFSA Award for Outstanding Applications of Fuzzy Technology 2011: "Forensic Identification System Using Craniofacial Superimposition Based on Fuzzy Sets and Evolutionary Algorithms," by O. Cordón, S. Damas, O. Ibañez, J. Santamaría, I. Alemán, M. Botella, and F. Navarro
- * L. A. Zadeh Prize: "Hierarchical Fuzzy Rule Based Classification Systems with Genetic Rule Selection for Imbalanced Data-sets," by A. Fernández, M. J. del Jesus, and F. Herrera
- IFSA Fellows: Patrick Bosc; Shyi-Ming Chen; Bernard De Baets; Dimitar Filev; Radko Mesiar; Toshiaki Murofushi; Sergei Ovchinnikov; and Petr Hajek.

• Preparation for IFSA2013 at Edmonton:

Dates: June 24-28, 2013

Venue: University of Alberta

General Chair: TBD

Special Session Proposal due: Dec. 23, 2012

Papers due: Jan. 28, 2013

IFSA sponsored symposium/conference

Table 2 List of Conferences Supported by IFSA in 2010-2011

	** *		
BCFS 2010,	Brazilian Conference on Fuzzy Systems 2010		
ISCIIA 2010,	The 4th International Symposium on Computational Intelligence and		
	Industrial Application		
NaBIC 2010,	North American Bangladeshi Islamic Community 2010		
SCIS & ISIS	Joint 5th International Conference on Soft Computing and Intelligent		
2010,	Systems and 11th International Symposium on Advanced Intelligent		
	Systems		
AAIA 2011,	6th International Symposium Advances in Artificial Intelligence and		
	Applications		
ISDA 2011,	11th International Conference on Intelligent Systems Design and		
	Applications		
SFPM (2011),	Fuzziness, Philosophy and Medicine 2011, (Asturias, Spain) March 23-25,		
	Mieres		
WCSC (2011),	World Conference on Soft Computing, May 23-26, 2011, San Francisco		
	(CA, USA)		

IFSA-EUSFLAT 2015

Venue: Oviedo, Asturias, Spain - Approved

IV. Call for Papers of 2013 IFSA World Congress



2013 IFSA World Congress

Edmonton, Canada, June 24-28, 2013

Contact: Witold Pedrycz (wpedrycz@ualberta.ca) and Marek Z. Reformat (Marek.Reformat@ualberta.ca)



Aims and Scope

As a flagship international congress in the areas of fuzzy sets and soft computing, 2013 IFSA World Congress will bring together scientists, engineers, students, and practitioners working in fuzzy logic and related areas to present their recent research accomplishments. The Congress offers a unique platform for the exchange of ideas, fostering interaction and building multidisciplinary research linkages.

The topics cover all aspects of fuzzy systems and their applications including, but not limited to

- o fuzzy sets and fuzzy logic
- o mathematical foundations of fuzzy sets and fuzzy systems
- o approximate reasoning, fuzzy inference models, and soft computing
- o fuzzy decision analysis, decision making, optimization, and design
- o fuzzy system architectures and hardware
- o fuzzy methods in data analysis, statistics and imprecise probability
- o fuzzy databases and information retrieval
- fuzzy pattern recognition and image processing
- o fuzzy sets in management science
- o fuzzy control and roboticsc
- possibility theory
- o fuzzy sets and logic in ontology, web, and social networks
- o fuzzy preference modelling
- o fuzzy sets in operations research and manufacturing
- o fuzzy database mining and financial forecasting
- o fuzzy neural networks
- o evolutionary and hybrid systems
- o intelligent agents and ambient intelligence
- o learning, adaptive, and evolvable fuzzy systems

Please see attached CFP.

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 sfsu@mail.ntust.edu.tw.



Edmonton, Canada June 24-28, 2013

Venue

The 15th IFSA World Congress will be held in Edmonton, Alberta, one of the most vibrant cities in Canada with a wealth of cultural and tourist attractions. It is a home to the research-intensive University of Alberta, as well as Edmonton Oilers and Wayne Gretzky. It is a gateway to Rocky Mountains and North Canada. Edmonton offers a lot of possibilities to learn more about geographical and cultural variety of western Canada.

Aims and Scope

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Topics

The topics cover all aspects of fuzzy systems and their applications including, but not limited to

- · fuzzy sets and fuzzy logic
- · mathematical foundations of fuzzy sets and fuzzy systems
- approximate reasoning, fuzzy inference models, and soft computing
- fuzzy decision analysis, decision making, optimization, and design
- · fuzzy system architectures and hardware
- · fuzzy methods in data analysis, statistics and imprecise probability
- · fuzzy databases and information retrieval
- fuzzy pattern recognition and image processing
- · fuzzy sets in management science
- · fuzzy control and robotics
- · possibility theory
- · fuzzy sets and logic in ontology, web, and social networks
- · fuzzy preference modeling
- · fuzzy sets in operations research and manufacturing
- · fuzzy database mining and financial forecasting
- fuzzy neural networks
- evolutionary and hybrid systems
- intelligent agents and ambient intelligence
- learning, adaptive, and evolvable fuzzy systems

Special Sessions

Proposals for special sessions focusing on fundamentals, algorithms, and innovative applications of fuzzy sets and soft computing are welcome. Submission of proposals should include a short description of the session, its relevance to the Congress, and a list of potential contributors. Special sessions will be open to all participants. Organizers of Special Sessions will be responsible for a reviewing process.

Best Paper Awards

Two awards will be given to authors of outstanding papers, one of them for the best student paper award. To qualify for the competition, a student must be the principal (first) author of the paper and he/she should present the paper. The awardees will be decided based on the manuscript as well as on the presentation.

Special Topic Session proposals due: December 23, 2012

Papers due:

January 28, 2013

Notification of Acceptance:

February 20, 2013

Final Papers and Early Registration:

March 21, 2013

www.ifsa2013.org

Contact: Witold Pedrycz (pedrycz@ece.ualberta.ca) Marek Reformat (reform@ece.ualberta.ca)

