IFSA Newsletter Vol. 12, No. 1, November 2015

In this issue:

EDITED BY: Ching-Chih Tsai

VP for publicity

As a new IFSA service team, we are very delightful to continue to publish newsletters and strength this channel for all members of IFSA such that IFSA newsletters can become a regular platform to share news and ideas for all members. In this issue, we would like to report some briefs for IFSA. The President's message is given first and then the short biographies for the new officers of IFSA for 2015-2017 are given. Furthermore, a summary of the 2015 IFSA fellows is reported. Since it is not easy to get all necessary short biographies of all IFSA fellows till the deadline of this issue, some missing information will be given in the next issue. Finally, the call for papers of the special issue of the International Journal of Fuzzy Systems, IFUZZY 2016 and ARIS 2016 are announced. We hope that all IFSA members can plan to participate these IFSA-sponsored academic activities.

I. President's Message

It is great to see that the IFSA newsletters will be back on. 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 IFSA members. The wide-ranging applications of fuzzy logic within science and technology have acquired visibility and acceptance. In fact, according to the collection by Prof. Zadeh, up to 2014, the idea of fuzzy set theorem and fuzzy logic has given rise to over 550,000 patents and 350,000 papers in 40 fuzzy related journals. Fuzzy is now an essential part of popular consumer technologies - like video cameras or washing

machines - and other more sophisticated technologies used in medicine and the automobile and railway industries. However, as a federal society of fuzzy, IFSA seems not so active. It is our belief that in coming years, fuzzy set theorem and fuzzy logic will continue to grow in importance and visibility. With the passage of time, it is likely that the impact of fuzzy will be felt increasingly in many fields of science and technology. Thus, we will do our best to revitalize this society and to let all members be proud of an IFSA member.

III. New IFSA officers

IFSA President

Prof. Shun-Feng Su

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.

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, Indiana, USA.

He is now a Chair Professor of the Department of Electrical Engineering and the vice dean of College of Electrical Engineering and Computer Science, National Taiwan University of Science and Technology, Taiwan, R.O.C. He is an IEEE Fellow and CACS fellow. He has published more than 200 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 International Fuzzy Systems Association. He now is also in the Boards of Governors of IEEE Systems, Man, and Cybernetics Society and act as the Young Professionals subcommittee chair. He also serves as a board member of various academic societies. Dr. Su also acted as General Chair, Program Chair, or various positions for many international and domestic conferences. Dr. Su currently serves as Associate editors of *IEEE Transactions on Cybernetics, IEEE Transactions on Fuzzy Systems,* and *IEEE Access*, and the Editor-in-Chief of *International Journal of Fuzzy Systems*.

IFSA President-Elected

Prof. Javier Montero

Full Professor at the Department of Statistics and Operational Research, Faculty of Mathematics, Complutense University of Madrid (Spain).

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 100 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, Human and Ecological Risk Assessment, IEEE Transactions on Neural Networks, IEEE Transactions on Fuzzy Systems, IEEE Transactions on Systems, Man and Cybernetics, IEEE Transactions on Industrial Informatics, Information Sciences, Intelligent Systems, Journal of Algorithms, Knowledge Based Systems, Kybernetes, Kybernetika, Mathware and Soft Computing, 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 Knowledge-Based Systems, plus a similar number of 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 has been 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, with more than 18 years in different academic management positions at the University. He has been also Vice-Rector at his University, and currently he is President Elect of IFSA.

IFSA Vice President (for conference)

Prof. Wen-June Wang

Wen-June Wang received the B.S. degree in the Department of Control Engineering from

National Chiao-Tung University, Hsin-Chu, Taiwan in 1980; and M.S. degree in the Department of Electrical Engineering from Tatung University, Taipei, Taiwan in 1984. Moreover, he received the Ph.D. degree in the Institute of Electronics from National Chiao-Tung University of Taiwan in 1987.

Prof. Wang is presently a Chair Professor of Department of Electrical Engineering. He was the Dean of College of Electrical Engineering and Computer Science, National Central University, Chung-Li City, Taiwan. He was also a Chair Professor and the Dean of the Research and Development Office of National Taipei University of Technology, Taipei, Taiwan in 2007~2009. In 2005~2007, he was the Dean of College of Science and Technology, National Chi-Nan University, Puli, NanTou, Taiwan. Moreover, Prof. Wang obtained the honor of IEEE Fellow in 2008.

Prof. Wang has authored or coauthored more than 150 refereed journal papers and 150 conference papers in the areas of fuzzy systems and theorems, robust and nonlinear control in large scale systems, and neural networks etc. His most significant contributions are the design of fuzzy systems and the development of robotics. His other research interests include the areas of robot control, neural networks, and pattern recognition etc. He has been the editor in chief of International Journal of Fuzzy Systems in 2010-2014 and an associate editor of Asian Journal of Control. Currently, he is also an associate editor of IEEE Transactions on Fuzzy Systems, IEEE Transactions on Cybernetics, International Journal of Fuzzy Systems, International Journal of Electrical Engineering.

IFSA Vice President (for membership)
Prof. Masahiro Inuiguchi

Masahiro Inuiguchi received B.E., M.E. and D.E. degrees in industrial engineering at Osaka Prefecture University, in 1985, 1987 and 1991, respectively. He worked as a Research Associate at Department of Industrial Engineering, College of Engineering, Osaka Prefecture University (1987-1992), Associate Professor at Department of Industrial and Systems Engineering, Faculty of Engineering, Hiroshima University (1992-1997), and Associate Professor at Department of Electronics and Information Systems, Graduate School of Engineering, Osaka University (1997-2003). From 2003, he is a Full Professor at Department of Systems Innovation, Graduate School of Engineering Science, Osaka University.

Dr. Inuiguchi served as a member of board of governors for the Institute of Systems,

Control and Information Engineers (ISCIE) from 2006 to 2010, and for Japan Society for Fuzzy Theory and Intelligent Informatics (SOFT) from 2013 to 2015. He served also advisory committee vice-chair for International Rough Set Society from 2006 to 2009. He was the general chair of the Sixth International Conference on Modeling Decisions for Artificial Intelligence organized in 2009, and the program committee co-chair of International Workshop on Rough Set Theory and Granular Computing organized in 2001, the Fifth International Conference on Rough Sets and Current Trends in Computing organized in 2006, the 2011 IEEE International Conference on Granular Computing, RSKT 2013 under 2013 Joint Rough Set Symposium and the 2014 IEEE International Conference on Granular Computing. He is serving as a Program Committee Co-Chair for the 4th International Symposium on Integrated Uncertainty in Knowledge Modelling and Decision Making, and for Joint 8th International Conference on Soft Computing and Intelligent Systems and 17th International Symposium on Advanced Intelligent Systems, and a Vice General Chair for the 17th World Congress of the International Fuzzy Systems Association. Dr. Inuiguchi received Best Paper Award from Japan Society for Fuzzy Theory and Intelligent Informatics (SOFT) in 1997 and 2013, from the Society of Instrument and Control Engineers (SICE) in 2010, from Joint Rough Set Symposium in 2013, and Industrial Technology Award from the Institute of Systems, Control and Information Engineers (ISCIE) in 2013. He was an area editor of International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems from 2005 to 2007. He is serving as an area editor for International Journal of Fuzzy Sets and Systems from 2004, Journal of Multi-Criteria Decision Analysis from 2009, as a regional editor for Fuzzy Optimization and Decision Making from 2000, and as an associate editor for International Transactions of Operations Research from 2015. He is an editorial board member for many international journals including European Journal of Operational Research, LNCS Transaction on Rough Sets and so on. Dr. Inuiguchi published more than 120 journal papers and 170 conference papers. His current interests include fuzzy sets, possibility theory, fuzzy optimization and decision making, rough sets and data mining, multi-criteria decision analysis, and their applications to real world problems.

IFSA Vice President (for Awards)

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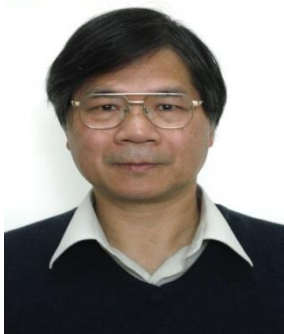
Prof. Guoqing Chen

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Guoqing Chen received his PhD from the Catholic University of Leuven (KULeuven, Belgium) in 1992, and currently is EMC^2 Chair Professor at Tsinghua University School of Economics and Management (Tsinghua SEM). He was also appointed in 2005 as China's National Chang-Jiang Scholars Professor by the Ministry of Education of China (MOEC).

Professor Chen serves in many important committees/societies such as member of China's National Advisory Committee for State Informationization, vice-chairman of China's Information Economy Society, of China's Systems Engineering Society, etc. He was founding president of China Association for Information Systems (CNAIS, 2005-2013), and vice-chairman of China Fuzzy Mathematics and Systems Association (IFSA Chapter). In addition, Professor Chen served as organizing chair for The 11th IFSA World Congress in 2005 (IFSA2005, Beijing), delivered a plenary speech on fuzzy logic in business intelligence/data mining at IFSA2007 in Mexico, and was recipient of IFSA Fellow in 2009. He is now serving as vice president of IFSA (2015-).

Professor Chen has numerous publications worldwide in international journals such as CACM, DSS, FSS, IEEE TFS/TNN/SMC, IJAR, IJIS, INFORMS JOC, INS, JASIST, etc. Professor Chen has been principal investigator for a number of important national research initiatives including Major Projects for China's National Science Foundation (NSFC) on e-business and big data analytics. He has been leader for various international collaboration projects with Belgium, Czech, Germany, UK, USA, etc. At present, Professor Chen is chair of Steering Committee for a NSFC National Grand Plan on big data in management and decision sciences.

Apart from his teaching and research in information systems and fuzzy logic, Professor Chen has been active in business education. He is now chairman of China's National Educational Steering Committee for Management Science and Engineering Disciplines (MOEC). He was executive associate dean for around ten years at Tsinghua SEM, and also served as co-chair for PIM (Partnership for International Management) in 2010-2013, which is an international network of leading business schools worldwide.

IFSA Vice President (for publicity)

Prof. Ching-Chih Tsai

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

Ching-Chih Tsai (IET Fellow, CACS Fellow) received the Diplomat in Electrical Engineering from National Taipei Institute of Technology, Taipei, Taiwan, ROC, the MS degree in Control Engineering from National Chiao Tung University, Hsinchu, Taiwan, ROC and the Ph.D degree in Electrical Engineering from Northwestern University, Evanston,

IL, USA, in 1981, 1986 and 1991, respectively. Currently, he is a Distinguished Professor in the Department of Electrical Engineering, National Chung-Hsing University, Taichung, Taiwan, where he served the Chairman in the Department of Electrical Engineering from 2012 to 2014. He is an IET Fellow and a CACS Fellow.

Dr. Tsai served as the Chair, Taipei Chapter, IEEE Control Systems Society, from 2000 to 2003, and the Chair, Taipei Chapter, IEEE Robotics and Automation Society from 2005 to 2006. In 2007, he was the program chair of 2007 CACS international automatic conference sponsored by Taipei chapter, IEEE control systems society. In 2010, he served as the program co-chair of SICE 2010 annual conference in Taiwan, which was technically sponsored by IEEE CSS; in 2011, he served as the General Chair, 2011 International conference on service and interactive robotics; in 2012, he has served as the General Chair, 2012 International conference on Fuzzy Theory and Its Applications, and the General Chair, 2012-2015 CACS International Automatic Control Conferences. Dr. Tsai served the President, Chinese Institute of Engineers in Central Taiwan, Taiwan from 2007 to 2011. Since 2008, he has been the Executive Directors in Boards of Government of thee professional associations, including Robotic Society of Taiwan, Taiwan Fuzzy Systems Association, and Taiwan Systems Association. He has served as the Chair, Taichung Chapter, IEEE Systems, Man, and Cybernetics Society since 2009, the Chair of IEEE SMC TC on intelligent learning in control systems since 2009, the President of Chinese Automatic Control Society since 2012, the steering committee of Asian Control Association since 2014, the BOG member of IEEE Nanotechnology council since 2012, and the Vice President of International Fuzzy Systems Association since 2015.

Dr. Tsai is respectively the recipients of the Third Society Prize Paper Award from IEEE Industry Application Society in 1998, the Outstanding Automatic Control Engineering Award in 2008 from Chinese Automatic Control Society (CACS), and the Outstanding Engineering Professor Award in 2009 from the Chinese Institute of Engineers in 2009, the IEEE Most Active SMC Technical Committee (TC) Award in 2012 from IEEE SMC Society, the Outstanding Electrical Engineering Professor Award from the Chinese Institute of Electrical Engineering in 2014, and many best paper awards from many international conferences technically supported by IEEE. He is the advisor, IEEE SMC student branch chapter at National Chung Hsing University; this chapter was the recipient of certificate of appreciation from IEEE SMCS in 2009. Dr. Tsai has published more than 400 technical papers, and seven patents in the fields of control theory, systems technology and applications. He has served as the associate editors of International Journal of Fuzzy Systems, and IEEE Transactions on Systems, Man and Cybernetics: Systems. His current interests include advanced control methods, fuzzy logics, neural networks, advanced mobile robotics, intelligent service robotics, intelligent mechatronics, intelligent learning control methods and their applications to industrial processes and intelligent machinery.

IFSA Secretary

Prof. Isao Hayashi

Isao Hayashi received his BS and MS degrees from Osaka Prefecture University in 1981 and 1985, respectively. In 1991, he received The Doctor Degree of Engineering from Osaka Prefecture University. He was the Department of Management Information, Faculty of Business, Hannan University, in 1993, and became a professor in 1997. Since 2004, he has been with Faculty of Informatics, and Graduate School of Informatics, Kansai University, Japan, where he has been a full professor since 2004. He was respectively a visiting researcher at the Knowledge-Based Engineering Systems, University of South Australia, Australia, in 1997, and the Department of Cognitive and Neural Systems, Boston University, USA, in 1997. In 2011, he was a visiting professor in the Department of Cognitive and Neural Systems, Boston University, USA.

Dr. **Isao Hayashi** received the four academic awards, which are the Encouragement Award, The Kansai-Section Joint Convention of Institutes of Electrical Engineering in Japan, in April, 1990, the Recognition Award in The 9th International Symposium on Advanced Intelligent Systems (ISIS2007) in September, 2007the best Presentation Award in The Joint 4th International Conference on Soft Computing and Intelligent Systems and 9th International Symposium on Advanced Intelligent Systems (SCIS&ISIS2008) in September 2008, the contributions award from the Japan Society for Fuzzy Theory and Intelligent Informatics in July, 2009.

The Treasurer of IFSA

Prof. Hisao Ishibuchi

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

Hisao Ishibuchi (IEEE Fellow) received the BS and MS degrees from Kyoto University in 1985 and 1987, respectively. In 1992, he received the Ph. D. degree from Osaka Prefecture University where he has been a full professor since 1999. He received a Best Paper Award from GECCO 2004, HIS-NCEI 2006, FUZZ-IEEE 2009, WAC 2010, SCIS & ISIS 2010, FUZZ-IEEE 2011 and ACIIDS 2015. He also received a 2007 JSPS Prize from Japan Society for the Promotion of Science. He was the IEEE CIS Vice-President for Technical Activities (2010-2013), the General Chair of ICMLA 2011, the Program Chair of IEEE CEC 2010 and IES 2014, and a Program/Technical Co-Chair of FUZZ-IEEE 2006, 2011-2013, 2015 and IEEE CEC 2013-2014. Currently, he is the Editor-in-Chief of IEEE CI Magazine (2014-2017) and Journal of Japan EC Society (2014-2016), an IEEE CIS AdCom member (2014-2016), an IEEE CIS Distinguished Lecturer (2015-2017), and an Associate Editor of IEEE TEVC (2007-2015), IEEE Access (2013-2015) and IEEE TCyb (2013-2015). His research interest includes evolutionary multi-objective fuzzy classifier design, evolutionary many-objective optimization and evolutionary games. According to Google Scholar, the total number of citations of his publications is about 17,000 and his h-index is 56.

III. Report on 2015 IFSA Fellowships

This year, the IFSA Commission for IFSA Fellowships (Professor Ronald Yager acting as Chairman) acknowledged the following colleagues as new IFSA Fellows:

   -Rafik Aliev
   -Humberto Bustince
   -Oscar Castillo
   -Maria Angeles Gil
   -Michel Grabisch
   -Luis Magdalena (Spain)
   -Constantin V. Negoita
   -Kazuo Tanaka

2015 IFSA Fellow

Prof. Oscar Castillo

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).

2015 IFSA Fellow

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 Cientfficas, 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.

2015 IFSA Fellow

Prof. Michel GRABISCH

Professor Michel GRABISCH is graduated from Ecole Nationale des Ingnieurs Electriciens de Grenoble (ENSIEG), and received his PhD degree in 1982 in control and signal processing.

He worked at Thomson-CSF from 1984 to 2000, with two stays of two years in Japan (Tokyo Institute of Technology), doing research on fuzzy sets theory.   He participated from 1989 to 1991 to the LIFE project (Laboratory for International Fuzzy Engineering Research). From 2000 to 2002, he was associate professor at University Pierre et Marie Curie, Paris. Since 2002, he is professor in computer sciences at University Panthon-Sorbonne, Paris. He is member of the Paris School of Economics. Since September 2014, he is member of the Institut Universitaire de France. His current interests are game theory, decision making, and discrete mathematics. He was the organizer of the SING 7 Congress (Spain-Italy-Netherlands 7th Meeting on Game Theory) in 2011 in Paris, and organizes every year since 2007 the OSGAD (Ordered Structures in GAmes and Decision) seminar.

Dr. Michel Grabisch has published 2 monographs, 2 edited books and more than 100 papers in scientific journals. He is currently area editor of Annals of Operations Research, Mathematical Social Sciences, 4OR, RAIRO.RO, TOP, Operations Research and Decisions Quarterly, IEEE Tr. on Fuzzy Systems, and Fuzzy Optimization and Decision.

2015 IFSA Fellow

Prof. Kazuo Tanaka

Professor Kazuo Tanaka is currently a Professor in Department of Mechanical Engineering and Intelligent Systems at the University of Electro-Communications, Tokyo, Japan. He received his Ph.D. in Systems Science from Tokyo Institute of Technology in 1990. He was a Visiting Scientist in Computer Science at University of North Carolina at Chapel Hill in 1992 and 1993.

He received the Best Young Researchers Award from the Japan Society for Fuzzy Theory and Systems in 1990, the Outstanding Papers Award at the 1990 Annual NAFIPS Meeting in Toronto, Canada, in 1990, the Outstanding Papers Award at the Joint Hungarian-Japanese Symposium on Fuzzy Systems and Applications in Budapest, Hungary, in 1991, the Best Young Researchers Award from the Japan Society for Mechanical Engineers in 1994, the Outstanding Book Awards from the Japan Society for Fuzzy Theory and Systems in 1995, 1999 IFAC World Congress Best Poster Paper Prize in 1999, 2000 IEEE Transactions on Fuzzy Systems Outstanding Paper Award in 2000, the Best Paper Selection at 2005 American Control Conference in Portland, USA, in 2005, the SICE Award at RoboCup Japan Open 2010, Osaka, Japan, in 2010, Best in class Autonomy Award at RoboCup 2011 Japan Open in Osaka, Japan, in 2011, the Best Paper Award at 2013 IEEE International

Conference on Control System, Computing and Engineering (ICCSCE 2013) in Penang, Malaysia, in 2013, the Best Paper Finalist at 2013 International Conference on Fuzzy Theory and Its Applications (iFUZZY2013) in Taipei, Taiwan, in 2013.

He served an Associate Editor for Automatica and for the IEEE Transactions on Fuzzy Systems. He served also as Chair of Task Forces on Fuzzy Control Theory and Application, IEEE Computational Intelligence Society Fuzzy Systems Technical Committee. He is currently on the IEEE Control Systems Society Conference Editorial Board.

His research interests include fuzzy systems control, nonlinear systems control, unmanned aerial vehicle, robotics, brain-machine interface and their applications. He published many papers in these areas, as well as 17 books, including: *Fuzzy Control Systems Design and Analysis: A Linear Matrix Inequality Approach* (*Wiley-Interscience, 2001*). His publications currently report over 18,000 citations according to Google Scholar Citations, with an h-index of 46 and an i10 index of 99. He is an IEEE fellow and an IFSA fellow.

IV. Call for Papers

1. Special Issue of the International Journal of Fuzzy Systems

Special Issue for 2016 International Conference on Fuzzy Theory and Its Applications (iFUZZY2016)

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 (iFUZZY2016) has been continuously held since 2012 , whereas its national conference in Taiwan has been 23 years since its first launch in 1993. *International Journal of Fuzzy Systems* intends to create a special issue for this new international conference, iFUZZY2016. In order to expedite the review process of all submitted papers, we will have a special session in iFUZZY2016 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 and promise to have the full journal paper ready on Oct. 10. It should be noted that the conference paper and the submitted paper to IJFS must have at least 40% 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 November 7-9, 2016. If the reviewers are satisfied with the replies, the submitted papers will be accepted on site and are expected to be published in 2017.

Key Dates :

 Conference paper submission deadline: August 1st, 2016.

 Journal paper submission deadline: September 1th, 2016.
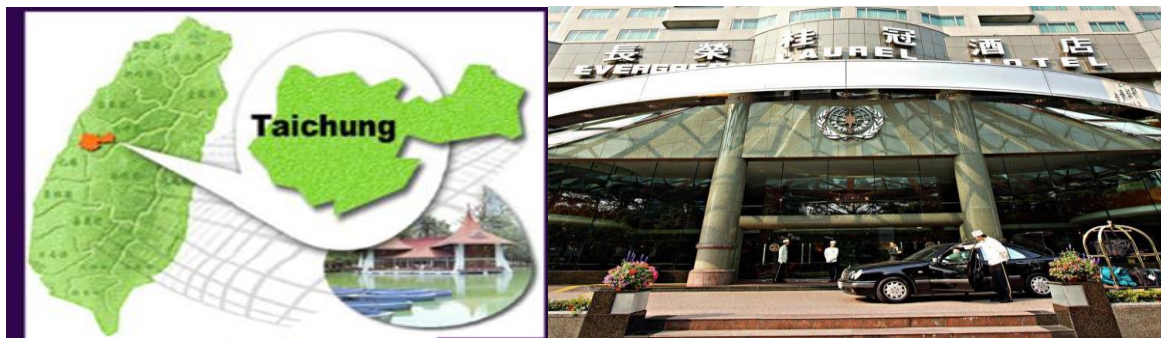
 The first review notification: October 15th, 2016.

 Onsite replies to the review comments: November 7-9, 2016.

 Planned publication date: March, 2017

Submission Systems: http://isdlab.ie.ntnu.edu.tw/IJFS/index.php (When entering the system, please select iFuzzy 2016 special issue for submitting papers.)

More information about iFuzzy 2016 available at http://isdlab.ie.ntnu.edu.tw/ifuzzy2016/.

2. Call for Papers of iFUZZY2016

IFUZZY Conference Venue: Evergreen Hotel , Taichung, Taiwan

 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 Chin-Yi University of Technology, work together as co-founders to organize the 2016 international conference on fuzzy theory and its applications (iFUZZY2016) on 7-9 November, 2016. This three-day conference, hosted by National Chin-Yi University of Technology, 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.

1. **Special Issue in International Journal of Fuzzy Systems**
   (http://isdlab.ie.ntnu.edu.tw/ifuzzy2016/IJFSSpecialIssue.html)
   →Candidate papers will be presented and accept Q/A on site.

2. **AE dinners for Related journals** → It means lots of experts (AEs) are here. Please come to them on site.

3. **Best paper awards:** If you are interested, be sure to click the icon while submitting 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, 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://isdlab.ie.ntnu.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 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.

3. Call for Papers of ARIS 2016

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

Taipei, Taiwan, August 31- September 2, 2016

Contact: Ching-Chih Tsai (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.

TAIROS 2016

Please see attached CFP.

Contributions to 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.