Hamido Fujita, Ph.D, Distinguished Professor
http://www.i-somet.org/

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https://scholar.google.com/citations?hl=en&user=E5KNYzUAAAAJ

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https://www.webofscience.com/wos/author/record/1136840

https://www.scopus.com/authid/detail.uri?authorId=35611951900

Web of Science Researcher ID: D-6249-2012

Chairman of i-SOMET Incorporated Association https://i-somet.org
Director of Intelligent Software Systems Laboratory to design new software techniques based on cognitive interaction between human and machines, and intelligent decision making based on Medical Knowledge for medical decision making application.

1) Director of Intelligent Software Systems Laboratory to design new software techniques based on cognitive interaction between human and machines, and intelligent decision making based on Medical Knowledge for medical decision making application.
2) Distinguished Research Professor, University of Granada,
3) He has supervised many graduate students: 31 Ph.D students and 53 master students are graduated under my supervision in the past 22 years.

4) In 2018: He provided interviews in films production on AI in health care.
AI and Health Care: https://youtu.be/hRPZpmqAKKY
The Future of MAP: https://youtu.be/F5iIXMkPFnY
Analyzing Big Data: https://youtu.be/MUwC7g2uNwk
AI is delay life: https://youtu.be/P8LfO4Bskpc
http://www.anthonyplog.com/podcasts/hamido-fujita
Online Interview on Educational System in Machine Learning organized by
https://portal.insticc.org/
https://vimeo.com/232367150

2 Journal Editorial Experience

1) Emeritus Editor-in-Chief Knowledge-Based Systems (Elsevier) tire A journal (Q1) https://doi.org/10.1016/j.knosys.2020.105491 or look to Also, Fig.1,
2) Editor-in-Chief of Knowledge-Based Systems (Elsevier) From 2004 to End December 2019. Impact factor 5.101 (for year 2018) moves the journal from impact factor from 0.5 to 5.1.through his editorial leadership,
3) For reference to this achievement Prof. Fujita received award from Elsevier and article written by Elsevier on his editorial leadership for a decade
4) Editor-in-Chief of Applied Intelligence Journal (Springer) 2019~ till now https://www.springer.com/journal/10489
5) Area editor: Array Journal (Elsevier)
https://www.journals.elsevier.com/array/editorial-board
6) Editor-in-Chief International Journal of HealthCare Management (Taylor & Francis) https://www.tandfonline.com/toc/yjhm20/current
6) Honorary Editor: Journal of Ambient Intelligence and Humanized Computing (AIHC)

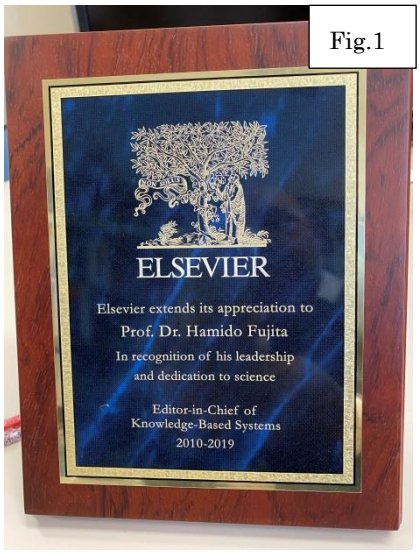

Fig.1

3 Academic Awards and Recognition

3.1 Editorial, Academic and Education Recognition

1. Receive on October 7, recognition as highly cited Researcher for the year 2022 in Computer Science: to be announced officially on mid November 2022.
2. Receive recognition as highly cited Researcher for the year 2021 in Computer Science https://recognition.webofscience.com/awards/highly-cited/2021/
3. Receive recognition as highly cited Researcher for the year 2020, https://recognition.webofscience.com/awards/highly-cited/2020/ in computer science.
4. Awarded as Top highly cited researcher award for the year 2019 in cross field https://publons.com/awards/highly-cited/2019
5. Awarded as Top highly cited researcher award for the year 2020 in Computer Science discipline https://recognition.webofscience.com/awards/highly-cited/2020/

6. Awarded as Top highly cited researcher award for the year 2021 in Computer Science discipline https://recognition.webofscience.com/awards/highly-cited/2021/
7. Honorary Doctor Causa, Óbuda University, Budapest Hungary. Reference
8. Honorary Doctorate Causa, Timisoara Polytechnic University, Romania
   https://www.upt.ro/Informatii_doctor-honoris-causa_417_en.html
   https://www.upt.ro/Informatii-utile_saci-2018-an-international-event-at-upt_209_en.html
   or
   https://youtu.be/n2Ld35ybvYU
9. Best Achievement award from President of Iwate Prefectural University, March 6, 2019.
   https://www.facebook.com/iwateprefuniversity/posts/2652888694752143/
10. Distinguished Professor title due to research and Education Excellence from Iwate Prefectural University March 30, 2021

3.2 Affiliated as Distinguished Visiting Professor

2021-2023	National Taipei University of Technology, Taipei Taiwan
2021-2024	Universiti Techologi Malaysia (UTM), KL, Malaysia
2019~2024	University of Granada (Distinguished Research Professor)
2004~2009	University of Technology Sydney, Australia
2019-2022	Harbin Engineering University, China,
2018~2020	Shanghai University of Science and Engineering, China
2018-2020	Shandong University of Finance and Economic, China
2019-2020	Nantong University China
2019~2021	Research Professor at Department for Management of Science and Technology Development), Ton Duc Thang University: Ho Chi Minh City, Vietnam,
2019-2024	Research Professor (Faculty of Information Technology) Ho Chi Minh City University of Technology: Ho Chi Minh City, Vietnam, January 2019 to January 2021..
2017-2018	Qatar University Doha (Technical consultant)
2017-2019	Southwest Jiaotong University, Chengdu, China
2014-2014	Ngee Ann Polytechni, Singapore, (Technical consultant)
2014-2015	Universiti Teknologi Malaysia, Johor, Malaysia
2005~2006	Stockholm University, Sweden
2006-2006	National Taiwan Ocean University, Taiwan
2002-2003	University of Paris_1, France

4 Editorial Affiliations in Prestigious International Journals

2020/01~	Editor-in-Chief, the journal of Applied Intelligence, Springer https://www.springer.com/journal/10489
2020/01~	Editor-in-Chief, the journal of HealthCare Management https://www.tandfonline.com/action/journalInformation?journalCode=yjhm20
2020/06~2022/06	Special Editorial Member of Journal of Tongji University (Natural Science) http://tjxb.cnjournals.cn/ Special appointment
2018~till now	Associate Editor, Journal of Information and Telecommunication(JIT), Taylor & Francis https://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=tjit20
2019~	Area Editor of Array Journal Elsevier https://www.journals.elsevier.com/array/editorial-board
2018/04~	Honorary Editor of Journal of Journal of Ambient Intelligence and

	Humanized Computing, Springer http://www.springer.com/engineering/computational+intelligence+and+complexity/journal/12652/PSE?detailsPage=editorialBoard
2019-2019.1	Editor-in-Chief: Knowledge-Based Systems, Elsevier
2019-	Emeritus Editor: Knowledge-Based Systems
2010~ 2018	Associate Editor in Journal of King Saud University - Computer and Information Sciences
2015~	Advisory Board member of Doctoral School of Applied Informatics and Mathematics, Óbuda University, Budapest, Hungary http://irob.uni-obuda.hu/?q=en/content/members#international_advisory_committee
2017~	Cyber medical System Technical committee member, IEEE-SMC http://www.ieeesmc.org/technical-activities/cybernetics/cyber-medical-systems
2010~	Vice President of International Society of Applied Intelligence (ISAI) elected on 2010
1986~	IEEE Senior member, ACM Senior Member.

Citizenship:

- Japanese
- He got his Doctor Degree in Engineering from Tohoku University, Japan, in March1989
- He got his Master Degree in Engineering from Tohoku University, Japan, in March1986

5 Work Experience:

1) **4/1998 to March 2021**: I**wate Prefectural University**, Iwate, Japan Director of Intelligent Software System in the Faculty of Software and Information Science focusing on research and development on intelligent software design, new techniques to derive best practices for software with certain properties, bug free, robust and other desirable properties. The Laboratory Team is three full time academic researchers, one research assistance and around 40 undergraduate and graduate students**.** A legacy tool for program conversion has been built and practiced in Japanese Industry, and several patents have been achieved.
2) **11/1997 Establishing Committee Member** of new Iwate Prefectural University, Iwate Japan: 岩手専門部会岩手県立大学設置委員会
3) **11/2010 Honorary Professor of Óbuda University,** Budapest Hungary. He coroneted on 9/2011 at Palace de Arts, Budapest Hungary for achievement in Intelligent Systems, and his involvement in Research and Education Service for Óbuda University.
4) **7/2013 received Doctor Honoris Causa from Óbuda** University, Budapest Hungary.
5) **01/2013-12/2015 Honorary appointment as Adjunct Professor** at the University of Technology-Sydney (Australia)
6) Talented Expert for Shanghai University of Engineering Science, 上海工程技术**大**学 From October 3 to October 25, 2019 http://www.at0086.com/SUES/
7) Invited professor at Nankai University, Sept. 3 to Sept. 7, 2019, Also invited by Tianjin University of Finance and Economics,(天津财经大学) http://accounting.tjufe.edu.cn/info/1119/1585.htm
8) Invited Professor Shandong University of Finance and Economics, (China) June 19 to

June 22. http://en.sdufe.edu.cn/info/1042/1115.htm

9) Invited Professor Nantong University (China) on June 12 to June 15, 2019, He received a visiting Professor position award, http://news.ntu.edu.cn/2019/0613/c9a44745/page.htm http://www.nmgtx.com/xsjl/19154.html
10) Prof. Hamido Fujita is invited for join research as Henan University, Kaifeng, http://yrcsd.henu.edu.cn/info/1058/3942.htm, http://dat.henu.edu.cn/info/1012/1197.htm May 14 to May 19 2019, http://yrcsd.henu.edu.cn/info/1059/3843.htm
11) **Elected as International Advisory Board of Doctoral School of Applied Informatics and Mathematics, Óbuda University, Budapest, Hungary http://aidi.uni-obuda.hu/en/international-advisory-board-helps-scientific-work-of-the-doctoral-school-of-applied-informatics-aid**
12) **02/2014-4/2014 Honorary professor , National Taiwan Ocean University, Taiwan (Lecturing and Ph.D supervision)**
13) **08/2014~09/2014 visiting Distinguished Professor Universiti Teknologi Malaysia, Johor, Malaysia** https://news.utm.my/2014/08/professor-hamido-fujita-editor-in-chief-of-knowledge-based-systems-elsevier-is-utm-distinguish-visiting-professor/
14) **2013~2018 Associate Editor of Journal of King Saud University -** Computer and Information Sciences
15) **2013/11 Visiting Honorary Professor at Universiti Teknologi Malaysia, Johor, Malaysia**
16) **01/2013-02/2013 Visiting Honorary professor** at Khalifa University of Science, Technology & Research (KUSTAR) www.kustar.ac.ae, Abu-Dhabi, UAE
17) **02/2013-04/2013 Visiting Honorary professor** at Department of Computer Science and Information Engineering National Taiwan University (NTU) Taipei Taiwan
18) **3/2012~4/2012 Received Distinguished Honorary Professorship award** University of Technology, Sydney, Australia
19) **5/2012~7/2012 Visiting Professor** At the Institute of Informatics, Wroclaw University of Technology, Poland He provided a series of lectures for Graduate Studies.
20) **9/2012~9/2014 Full professor in** The Italian Agency for the Evaluation of University and Research Institutes (ANVUR). http://www.anvur.org/
21) **4/1998 to 3/2004:** Director of Cognitive Software Laboratory, in the Faculty of Software and Information Science leading research and development deploying cognitive computing aspect to examine its impact on new software methodologies and design. The laboratory consists of two full time scientists in multi-agent and neural network systems engineering and application, and also around 30 undergraduate and graduate students. Handwriting recognition system based on neural network based pattern recognition and multi-agent system for automatic query answering tutor had been built.
22) **4/2005 to 2010**: Founder and Director of ARISES (Advanced Research Institute on Software Strategies) acting as incubator of both academia and software industry; to establish the best practices to build integrated services in ruler area. ARISES established and organized five international Symposiums and held them all in Iwate region, attended by Japanese software industry managers, practitioners and university scientists and pioneers invited from leading institutions in different software fields in the world. http://www.fujita.soft.iwate-pu.ac.jp/arises/index.htm
23) **4/1998 to 3/2003:** Head of Information Systems department, also, involved in the designing of the information system infrastructure of Iwate Prefectural University whole

campus, its back bone networking systems, and routing based on Cisco optical switch for system of about 5000 Workstations. Design the information systems among five university campuses that are geographically separated. Design Giga bit networking system for high demand services.

24) **4/2002 to 5/2006:** Project Chair Leader on New software methodologies tools and Techniques, supported by **300 Million JPY** (around 3 Million US$) industry project to built legacy tool and new innovative research for roust, maintainable software system for anonymous Japanese company.

25) **4/2003 to 3/2004: Invited professor at the University of Paris_1,** Sorbonne**,** Paris, France
Invited Professor at the CRI (Computer Research Institute) directed by Prof. Colette Rolland, doing research on requirement engineering, it is part of the project chair, to built meta model using method driven approach invented by collaborative work with Prof. Rolland, also jointly supervised several PhD students at CRI, Paris_1 university.

26) **9/2004 to 2009: Graduate Studies : Professor at Laval University**, Quebec Canada
A position to do supervision of graduate studies students jointly with Professor Mohamed Mejri (Department of Computer Science and Software Engineering), a joint research on software security based on state algebra to integrate software policies on exciting specification and use state algebra to confirm certain properties respected by the new policy, supported by National Scientific Research Council (NSRC) of Canada and JSPS (Japan Society for the promotion of Science).

27) **4/2004 to 5/2008**: **Collaborator in Interface Asymmetry Project**:
Université du Québec à Montréal (UQAM); It is a collaborative project headed by Prof. Anna Maria Di Sciullo; doing research on cognitive computing as part of the natural language processing. This project was supported by the Social Sciences and Humanities Research Council of Canada.

28) **9/2003 to 3/2004: Invited Professor at Stockholm University,** Kista, Sweden Invited professor at the faculty of Information Science, to do a joint research with Prof. Paul Johannesson and Prof. Love Ekenberg on Scheme integration using 1st order logic; as verification schema mechanism. Also, I employed as thesis opponent to Ph.D student Guy Daves on the same joint research subject.

29) **8/2002 to 2/2003: Invited Professor at Oregon State University,** Corvallis, USA Invited Professor at the Computer Science department, to do research with Prof. Margaret Burnett and Prof.. Gregg Rothermel on spread sheet for empirical software, We have a joint research as part of collaboration project, we published a joint work in Elsevier Journal and others. Prof. Gregg was editor in Chief of IEE transaction on Software Engineering, Prof. Fujita involved as editor in the transaction.

30) **1/2005 to 3/2005: Invited Professor at the University of Technology Sydney,** Australia
1/2006 to 3/2006: Invited Professor at the University of Technology Sydney, Australia
1/2008 to 3/2008: Invited Professor at the University of Technology Sydney, Australia
A position to do research and PhD supervision with Professor Ernest Edmonds, (Cognitive Computing Center) CCS, supervising PhD thesis of Greg Turner and Roman Dynlak on cognitive interaction. It is a joint project on cognitive aspect deployment in computing to build interactive avatar system, a project supported by Japanese Ministry of Science and culture and ARC (Australian Research Council). Involved as external examiners of Ph.D students supervised by Ernest Edmonds. External examiners for Ph.D student for Robert James Steele. Also, involved in co-supervision of Prof. John

Gero, Ph.D students of University of Sydney, and joint work with Dr. Kirsty Beilharz on Gestural Interaction under a joint research exchange with Prof. John Gero and myself.

31) **3/2009~4/2009** Prof. Fujita Involved as referee for academic staff promotion of the Faculty of Design and Architecture (UTS) for lecturers. Also, involved in joint research with Chris Bowman (Faculty of Design) in UTS and Mathew Cornell Principal Curator-Physical Science & IT at Power House, Sydney on Virtual Interaction project.
32) **3/2012~4/2012 Reward of Distinguished Honorary Professor** Faculty of Engineering and Information Technology, University of Technology, Sydney Australia.
33) **5/2012~6/2012 Visiting fellow Professor** position to the Institute of Informatics, Wroclaw University of Technology, Poland
34) **3/1992~ Establishing Committee member** of new University Tohoku University of Art and Design, Yamagata, Japan
35) **4/1992 to 3/1998: Professor at the Tohoku University of Art and Design, Yamagata,** Japan
36) Full professor at the faculty of design to do research and teaching for undergraduate and graduate studies in information environment, information system design of the campus network based on NT server, development of information network in Yamagata city supported by ministry of Telecommunication project.
37) **1/1990 to 3/1992: University of Montreal, Montreal,** Canada
38) Associate Professor, Department of Information and Research Operational(IRO), working with the research group of Prof. Gregor Bochmann on formal techniques in software and verification methods using 1st order logic for real-time systems, and reflective Languages. Also, working with Dave Parnas (McMaster University, and Prof. Luigi Logirboo (Ottawa University).
Worked at CRIM (Computer Research Institute of Montreal) on several project sponsored by DMR and PurchaseMatser LtD.
39) **4/1988 to 1/1990: University of Tokyo, Research Center of Advanced Science and Technology (RCAST)**,
40) Lecturer at RCAST in Tokyo, Japan doing research Artificial Intelligence techniques in software design, contribute to built and develop KAUS system (Knowledge Acquisition and Utilization System) for practical problem solving. It was project fully support by CSK and other Japanese industry.

Professional Affiliations

1) Elected as member of the of International advisory committee of Antal of intelligent robotics,
http://irob.uni-obuda.hu/?q=en/content/members#international_advisory_committee
till now
2) IEEE-SMC Distinguished Lecturer Committee April 2015~2018
3) IEEE-SMC Cyber medical System Technical committee member
http://www.ieeesmc.org/technical-activities/cybernetics/cyber-medical-systems
4) Board members of many international societies and journals.
5) **Hamido Fujita** General Chair of The 33th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, IEA/AIE2020, September 2020 Kitakyushu,
https://jsasaki3.wixsite.com/ieaaie2020
https://link.springer.com/book/10.1007/978-3-030-55789-8
6) **Hamido Fujita** General Chair of The 19th SOMET_2020, 19th International

Conference on Intelligent Software Methodologies Tools and Techniques, held in Kitakyushu, (General Chair) https://jsasaki3.wixsite.com/somet2020 September 2020 (sponsored by NICT JAPAN) http://ebooks.iospress.nl/ISBN/978-1-64368-115-3

7) **Hamido Fujita** General Chair of The 18th SOMET_2019, 18th International Conference on Intelligent Software Methodologies Tools and Techniques, held in Sarawak, Malaysia, (General Chair) https://ieeecomputer.my/somet2019/.
8) **Hamido Fujita** General Chair of The 17th SOMET_2018, 17th International Conference on Intelligent Software Methodologies Tools and Techniques, held in Granada, (General Chair) http://secaba.ugr.es/SOMET2018/ September 2018.
9) **Hamido Fujita** General Chair of The 16th SOMET_2017, 16th International Conference on Intelligent Software Methodologies Tools and Techniques, held in KitaKyushu, (General Chair) http://somet2017.iwate-pu.net/ September 2017.Supported by NICT Japan
10) **Hamido Fujita** General Chair of The 29th International Conference on Industrial, Engineering and Other applications of Applied Artificial Intelligence IEA/AIE 2016 held in Japan on **August 2~4, 2016**; http://ieaaie2016.iwate-pu.net
11) **Hamido Fujita** General Chair of The 15th SOMET_2016, 15th International Conference on Intelligent Software Methodologies Tools and Techniques, held in Cyprus, (General Chair) http://www.cyprusconferences.org/somet2016/
12) **Hamido Fujita** General Chair of The 14th SOMET_2015, 14th International Conference on Intelligent Software Methodologies Tools andTechniques http://www.impianti.unina.it/somet2015/ held in Naples, September, 15~17, 2015
13) **Hamido Fujita** General Chair of ICSSE 2015"International Conference on System Science and Engineering (ICSSE 2015)" to be held on July 6-8, 2015 http://www.somet.soft.iwate-pu.ac.jp/ICSSE_2015/index.htm
14) **Hamido Fujita** General Chair of The 13th SOMET_2014, 13th International Conference on Intelligent Software Methodologies Tools and Techniques to be held in Malaysia, September. 22~24, 2014 http://seminar.spaceutm.edu.my/somet2014/
15) **Hamido Fujita** General Chair of the SOMET_13, International Conference on Software Methodologies, Tools, and Techniques, Budapest, Hungary 9/2013 http://conf.uni-obuda.hu/somet2013/
16) **Hamido Fujita** General Chair of the SOMET_12, International Conference on Software Methodologies, Tools, and Techniques, Genoa, Italy 9/2012:
17) **Hamido Fujita** General Chair of the SOMET_11, International Conference on Software Methodologies, Tools, and Techniques, Saint Petersburg, Russia 9/2011: http://www.somet.soft.iwate-pu.ac.jp/somet_11/
18) **Hamido Fujita** General Chair of the SOMET_10, International Conference on Software Methodologies, Tools, and Techniques, Yokohama, Japan 9/2010: http://www.somet.soft.iwate-pu.ac.jp/somet_10/
19) **Hamido Fujita** General Chair of the SOMET_09, International Conference on Software Methodologies, Tools, and Techniques, Czech Technical University, Prague, Czech 9/2009: http://www.action-m.com/somet2009/
20) **Hamido Fujita** Program Chair of the SOMET_08, International Conference on Software Methodologies, Tools, and Techniques, American university of Sharjah, UAE, 11/2008: http://www.somet.soft.iwate-pu.ac.jp/somet_08/
21) **Hamido Fujita** Program Chair of the SOMET_07, International Conference on Software Methodologies, Tools, and Techniques, CNR in Rome, Italy, 11/2007: http://www.somet.soft.iwate-pu.ac.jp/somet_07/index.html
22) **Hamido Fujita** Program Chair of the SOMET_06, International Conference on

Software Methodologies, Tools, and Techniques, Quebec, Canada 11/2006;

23) **Hamido Fujita** Program co-Chair of the SOMET_05, International Conference on Software Methodologies, Tools, and Techniques, Tokyo, Japan 10/2005; http://www.somet.soft.iwate-pu.ac.jp/somet_05/index.html
24) **Hamido Fujita** Program co-Chair of the SOMET_04, International Conference on Software Methodologies, Tools, and Techniques, Leipzig, Germany 10/2004;
25) **Hamido Fujita** Program co-Chair of the SOMET_03, International Conference on Software Methodologies, Tools, and Techniques, held in Stockholm, Sweden 10/2003; http://www.lyee-project.soft.iwate-pu.ac.jp/lyee_w03/index.html
26) **Hamido Fujita** Program co-Chair of the SOMET_02, International Conference on Software Methodologies, Tools, and Techniques, Sorbonne, Paris, France 9/2002; http://www.lyee-project.soft.iwate-pu.ac.jp/lyee_w02/index.html
27) Invited and Plenary Speakers /papers presentation: international conferences
28) Conference Program Committee: PRICAI, SOMET, ITC, IPSI, WSEAS and others
29) Technical Advisor for Catena Co, Tokyo, Japan 4/2001~6/2006: co-supervise project in real-time software, and giving industrial lectures at Catena Software house in Tama city, Japan.
30) Technical Advisor for ICBMT (Institute of Computer Based Methodology and Technology) 10/2000~12/2007; software house consultation for developing new techniques for program conversion and legacy systems for financial institutions

1.

Keynote Speaker in Prestigious Conferences

1) **Hamido Fujita**, Distinguished Academic Lecture Series Speaker on “Machine Learning and Advanced Technology in healthcare” organized on-line by the Faculty of Engineering, Universiti Teknologi Malaysia (UTM), Malaysia Oct. 2020 https://www.youtube.com/watch?v=2TIxd5UW_JM

2) Plenary Speaker at IEEE Joint 19th International Symposium on Computational Intelligence and Informatics and 7th International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics, Szeged, Hungry, November 14~16, 2019 http://conf.uni-obuda.hu/cinti2019/

3) invited speaker at 7th IEEE IWPF International Workshop on Biometrics and Forensics - IWBF2019, in Cancun, Mexico, on May 2-3, 2019 https://warwick.ac.uk/fac/sci/dcs/people/victor_sanchez/iwbf2019/

4) Prof. Hamido Fujita has been invited as Keynote Speaker at the 10th International Conference of Business Intelligence and Financial Engineering, (BIFE 2019) https://ems.xidian.edu.cn/info/1152/3395.htm, He also invited to deliver talks at Shaanxi Normal University http://www.snnu.edu.cn/info/1086/25844.htm

5) Prof. Fujita is keynote speaker at 2019 International Conference on Hospital Development and Reform: China Hospital Reform Institute of Shanghai Jiaotong University Medical School, 上海交通大学医学院 October 19~20, 20 第七届中国医院发展与管理国际会议,上海交大医学院首届国际医疗人工智能学术论坛 http://www.shutcm.edu.cn/2019/1012/c229a116066/page.htm

6) Prof. Fujita is keynote speaker at 2019 International Conference on Cyber Security for Emerging Technologies (CSET'19), 27~30 October 2019, Doha, Qatar. http://www.qu.edu.qa/conference/CSET-2019/Program

7) Prof. Hamido Fujita is Keynote speaker for 11th Asian Conference on Intelligent Information and Database Systems https://aciids.pwr.edu.pl/2019/keynotes.php 8-11 April 2019, in Yogyakarta, Indonesia

8) He is Keynote speaker for The ICERA 2018 International Conference on Engineering

Research and Applications http://icera2018.tnut.edu.vn/keynote-speakers/ December 1-2, 2018 in Thai Nguyen, Vietnam

9) He was invited Professor for Qatar University, for consultation in bio-Engineering. April 1st to April 6, 2017.
10) Prof. Fujita is IEEE-SMC 2018 Tutorial-Chair SMC 2018, http://www.smc2018.org/ The 2018 IEEE International Conference on Systems, Man, and Cybernetics, October 7-10, 2018, Miyazaki, Japan
11) He was a Keynote speaker at International Joint Conference on Rough Sets (IJCRS2018) http://conference.hocict.edu.vn/, August (20~24) in Quy Nhon, Vietnam, supported by International Rough Set Society
12) He delivered Keynote speaker at The 10th Mexican Conference on Pattern Recognition (MCPR2018), Puebla, Mexico from June 27 to June 30, 2018, https://ccc.inaoep.mx/~mcpr2018/speakers.html
13) Prof. Fujita is a keynote speaker at **CGCKD 2018** China, August , 2018 http://fansmale.com/cgckd2018/pager-contributions.html http://fansmale.com/cgckd2018/report.html
14) He was invited Professor on June 3-June 10 for four institutions in Changsha (China): Central South University (Students Evaluations Committee) http://bs.csu.edu.cn/info/1045/5465.htm and , Hunan Normal University (Invited Lecture) http://news.hunnu.edu.cn/info/1469/33063.htm, Hunan University (invited talk) Changsha University of Science and Technology (Invited lecture)
15) Prof. Fujita has participated in Big Data Forum as speaker, on March 30~April 1st 2018, organized by Chongqing University of Posts and Telecommunications, Chongqing China. http://cs.cqupt.edu.cn/info/1034/6047.htm and http://xylyh.cqupt.edu.cn/info/1009/1349.htm and http://cs.cqupt.edu.cn/info/1034/6039.htm
16) Prof. Fujita has been invited to Harbin Institute of Technology (HIT), (Harbin Campus) March 14 to March 17, 2018 http://today.hit.edu.cn/news/2018/03-20/1430158030RL0.htm , then invited by Harbin Institute of Technology, (Shenzhen Campus) give a talk, and others March 17 to March 21, http://cs.hitsz.edu.cn/news/news/news_xsjz/20170407/1069.html then invited by Sichuan University (Chengdu) March 21 to March 27. And also South West Jintao University to give a talk of data science
17) Keynote speaker for Korean Software Congress 2017: December 20, 2017. http://www.kiise.or.kr/conference/KSC/2017/ click on program
18) Keynote Speaker at the IEEE 15thInternational Symposium on Intelligent Systems and Informatics (SISY 2017) to be held on September 14-16, 2017 in Subotica, Serbia http://conf.uni-obuda.hu/sisy2017/
19) Keynote Speaker at INES 2017 in Larnaca, Cyprus http://www.ines-conf.org/ines-conf/2017index.html on October 20-23, 2017.
20) Keynote Speaker in Internet of thing, big data and Security conference IoTBDS 2017 will be held in conjunction with COMPLEXIS 2017, CLOSER 2017, SMARTGREENS 2017 and VEHITS 2017. http://www.iotbds.org/ 24~27 April 2017
He provided interviews supported by INES:
21) Keynote Speaker http://ke.cau.ac.kr/intenv2017/keynote_speakers.html at The 13th International Conference on Intelligent Environments - IE'17, http://ke.cau.ac.kr/intenv2017/ 23~25, August 2017**,** Seoul, Korea
22) keynote Speaker http://fzuconf.com/GI/keynote.htm at 2017 International Conference on Green Informatics (ICGI) - ICGI

2017, http://fzuconf.com/GI/index.htm 15~17, August 2017, FuZhou, China

23) He was invited Professor in Óbuda University from April 1st 2017 to March 31 2018, Also He was invited Professor at Duisburg-Essen University, Germany from July 1st to August 18, 2017.
24) He was external examiner for Technical University of Košice. Faculty of Electrical Engineering and Informatics, EVALUATION OF DISSERTATION THESIS: Learning from Teleoperation in Social Human-Robot Interaction of (Mr. Gergely Magyar) 2017
25) keynote Speaker at the International Conference on Advances in Information and Communication Technology, ICTA 2016 http://icta2016.com/ **12~13, December 2016,**Thai Nguyen, Viet Nam
26) keynote Speaker at the 4th Saudi International Conference, in Riyadh, Saudi Arabia http://events.kacst.edu.sa/en/IT16/Pages/program.aspx to be held in 6~9 November 2016. On 8th November to give an invited talk at King Saud University.
27) He awarded the top talent pulpit project approved and supported by Tonji University, Shanghai China from September 16 to October 7 (2016).he gave a talk, http://see.tongji.edu.cn/65/e7/c183a26087/page.htm
28) He provided invited lectures at Shannxi Normal University (China), http://ccs.snnu.edu.cn/inforshow.aspx?id=1818 September, 2016
29) He gave invited lecture at Shanghai University, September 25, 2016 http://www.shu.edu.cn/Default.aspx?tabid=10473&ctl=Detail&mid=19739&Id=90817 or http://www.fujita.soft.iwate-pu.ac.jp/Sahannxi.pdf
30) He gave deliver invited lecture at Xi'an Jiaotong University, Xian (China on September 23, 2016), http://www.swjtu.edu.cn/jsp/activity_detail.jsp?id=10430
31) keynote Speaker at the third (**3rd**) edition in the series of the International Conference on **Co**ntrol, **D**ecision and **I**nformation **T**echnologies **CoDIT'16** http://www.codit2016.com/index.php/ **April 6-8, 2016** at **Saint Julian's**, **Malta**
32) keynote Speaker at 17th IEEE International Symposium on Computational Intelligence and Informatics November 17-19, 2016, CINTI2016,
33) He serve as invited speaker at East China Normal University, Shanghai, China http://www.cs.ecnu.edu.cn/s/69/t/247/3f/64/info147300.htm on September 2016
34) He served as Invited Speaker at Nankai University (Tianjin, China) http://nankai.en.school.cucas.cn/en/event/detail?cid=56&pid=56&detail=227 on December 2016
35) Keynote Speaker at DeSE international Conference: Developments in **eSystems Engineering** 13th-15th December 2015 http://dese.org.uk/dese-2015/
36) Keynote speaker at The 14th SOMET_2015, 14th International Conference on Intelligent Software Methodologies Tools and Techniques http://www.impianti.unina.it/somet2015/ to be held in Naples, September, 15~17, 2015
37) keynote Speaker at 16th IEEE International Symposium on Computational Intelligence and Informatics November 19-21, 2015, CINTI2015, Budapest http://www.uni-obuda.hu/users/szakala/CINTI2015program.pdf
38) Keynote speaker at 2015 Summer School in Naples, http://www.summerschool-aidi.it/
39) Keynote speaker ISME2015: 11th International Symposium on Management Engineering KitaKyushu, Japan, September 2~4 2015.
40) Invited as a panelist in INTERNATIONAL COLLOQUIUM DEDICATED TO THE 85TH BIRTHDAY OF ANTAL BEJCZY ROBOTICS IN THE XXI. CENTURY: NEW FRONTIERS http://conf.uni-obuda.hu/SpaceRobotics2015/ February 16~18 2015
41) Keynote at the 10th Jubilee IEEE International Symposium on Applied Computational

Intelligence and Informatics, May 21-23, 2015, Timisoara, Romania http://conf.uni-obuda.hu/saci2015/ program is: http://www.uni-obuda.hu/users/szakala/SACI2015-program.pdf

42) Keynote speaker at the 18th International Conference on Intelligent Engineering Systems, INES, July 3~5, 2014, Tihany, Hangury.

43) Professor **Hamido Fujita** invited as a panelist in INTERNATIONAL COLLOQUIUM DEDICATED TO THE 85TH BIRTHDAY OF ANTAL BEJCZY ROBOTICS IN THE XXI. CENTURY: NEW FRONTIERS http://conf.uni-obuda.hu/SpaceRobotics2015/ February 16~18 2015.

44) Keynote speaker at the 6th International Conference on Knowledge and Systems Engineering, KSE2014, Hanoi, Vietnam, October 9~11 2014.

45) Keynote Speaker at the 9th International Conference on Rough Sets and Knowledge Technology (RSKT 2014) to be held in Shanghai, China, October 24-26, 2014. http://see.tongji.edu.cn/rskt2014/

46) Program Chair The 6th Asian Conference on Intelligent Information and Database Systems, 2014 http://www.ic.kmitl.ac.th/aciids2014/index.html

47) Keynote Speaker at the 2014: 10th International Conference on Natural Computation (ICNC'14) & 2014 11th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD'14) jointly held on 19-21 August 2014 in Xiamen, China.

48) Keynote Speaker at the 2014 The First International Conference on Soft Computing and Data Mining (SCDM-2014) (SCDM-2014) Jun 16~18, 2014, Johor, Malaysia

49) Keynote Speaker at the 2014 International Conference on **progress in informatics and computing conference, PICT-2014, May 16~18, 2014**, Shanghai, China http://pic.sjtu.edu.cn/index.htm

50) Invited Speaker at the 2013 International Conference on Intelligent Systems and Knowledge Engineering (ISKE2013) Nov. 20-23, 2013, Shenzhen, China (http://kjb.szu.edu.cn/iske/index.asp)

51) Keynote speaker International Conference IEEE 11th. INTERNATIONAL SYMPOSIUM ON. INTELLIGENT SYSTEMS and INFORMATICS, September 26-28, 2013, Serbia

52) Received a Honorary appointment Professorship and give a distinguished special lecture from University of Xi'an of Post & Telecommunications, (Xi'an) (China) May 21st, 2014

53) Distinguished special lecture at Southwest Jiaotong University, Chengdu China, May 13, 2014.

54) Invited Professor at the Granada University, Granada Spain from October 27 to November 8, 2013, and Invited by the Department of Computer Science and Artificial Intelligence, E.T.S. de Ingenierias Informatica y de Telecomunicaci, University of Granada, Granada SPAIN

55) General Chair of the below conferences held in Iwate, Japan on April, 2013
- ·12th International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING (ICOSSSE '13)
- ·13th International Conference on APPLIED COMPUTER SCIENCE (ACS '13)
- ·12th International Conference on EDUCATION and EDUCATIONAL TECHNOLOGY (EDU '13)
- ·1st International Conference on COMPLEX SYSTEMS and CHAOS (COSC '13)
- The following conferences are also co-organized by WSEAS and NAUN in the same place, April 23-25, 2013:
- ·2nd International Conference on Computing, Information Systems and Communications (CISCO '13)

- ·2nd International Conference on Systems, Control, Power, Robotics (SCOPORO '13)
- ·2nd International Conference on Digital Services, Internet and Applications (DSIA '13)
- ·2nd International Conference on Automatic Control, Soft Computing and Human-Machine Interaction (ASME '13)
- ·2nd International Conference on Networks and Systems for Communications, Education and Data Processing (NSCED '13)
- ·2nd International Conference on Integrated Systems and Management for Energy, Development, Environment and Health(ISMAEDEH '13)
- 2nd International Conference on Applied, Numerical and Computational Mathematics (ICANCM '11)

56) Invited Professor by the Department of Computer and Systems Sciences of Stockholm University, Sweden, September 15 to September 21, 2013.

57) Keynote Speaker at the 2013 International Conference on Medical Informatics & Technologies, (MIT 2013)http://mit.us.edu.pl/cms/ October 23~26 Poland.

58) Keynote speaker International Conference and Workshop on Basic and Applied Sciences (4th ICOWOBAS) and Regional Annual Fundamental Science Symposium 2013 (RAFSS 2013)

59) Keynote speaker IEEE 10th. JUBILEE INTERNATIONAL SYMPOSIUM ON. INTELLIGENT SYSTEMS and INFORMATICS. September 20-22, 2012

60) Keynote speaker SACI (IEEE 7th International Symposium on Applied Computational Intelligence and Informatics) May 24~26, 2012

61) Keynote speaker SAMI (IEEE 10th Jubilee International Symposium on Applied Machine Intelligence and Informatics) January 26~28, 2012

62) Keynote speaker: 9th IEEE International Symposium on Intelligent Systems and Informatics (SISY) September 8-10, 2011 Subotica, Serbia

63) Keynote Speaker at Eighth International Symposium on Management Engineering 2011: ISME2011 August 22-25, 2011 Taipei, Taiwan

64) Keynote Speaker at: 11th International Symposium on Computational Intelligence and Informatics (CINTI 2010) Budapest, Hungry, November 18-20, 2010.

65) Keynote speaker at International Symposium on Collaborative Software Engineering (ISCSE 2010) October 14-16, 2010 Changchun, P.R. China

66) Keynote Speaker 9th IEEE International Symposium on Intelligent Systems and Informatics (SISY) September 8-10, 2011 Subotica, Serbia.

67) Keynote Speaker at Eighth International Symposium on Management Engineering 2011: ISME2011 August 22-25, 2011 Taiwan

68) Keynote Speaker at The3rd Asian Conference on Intelligent Information and Database Systems April. 20-22, 2011 in Daegu city, Korea Third International Conference, ACIIDS 2011, Daegu, Korea, April 20-22, 2011,

69) Plenary Speaker in SACI (IEEE 7th International Symposium on Applied Computational Intelligence and Informatics) http://conf.uni-obuda.hu/saci2012/ May 24~26, 2012

70) Plenary Speaker in SAMI (IEEE 10th Jubilee International Symposium on Applied Machine Intelligence and Informatics) January 26~28, 2012

71) Key note speaker invited for the 75 anniversary of Instituto Politecnico National (IPN) of Mexico, to give a talk in event of “El IPN hacia el Futuro, prospectiva de la investigacion” invitation by the IPN,2011

72) Keynote Speaker at:11th International Symposium on Computational Intelligence and Informatics (CINTI 2010) Budapest, Hungary, November 18-20, 2010 http://conf.uni-obuda.hu/cinti2010/2010PROGRAM.pdf

73) General Chairman of the 5th International Symposium on Empirical Software March 6, 2009
74) General Chairman of the 4th International Symposium on Empirical Software May 28, 2008;
75) General Chairman of the 3th International Symposium on Empirical Software May 8th, 2007;
76) General Chairman of the 2th International Symposium on Empirical Software November 28, 2006;
77) General Chairman of the 1st International Symposium on Empirical Software October 2nd , 2005;
78) Board directors member of Mangold International Co, works as a technical advisory for INTERACT software business, Germany
79) Special Lecture in Novi-Sad University invited by the Rector Prof. Miroslav Veskovic'
80) Keynote at National University of Taiwan invited by Yuh-Dauh Lyuu and Prof. Cheng-Yuan Liou.
81) He is elected as a committee member of Scientific Evaluation of Research projects; Ministry of Education, Science and Culture of Japan.
82) General Chair of the below conferences held in Iwate, Japan on October, 2010 https://www.wseas.org/cms.action?id=6479
- .http://www.wseas.us/conferences/2010/japan/acs/ Sponsored by Iwate Pref. University, WSEAS
- H. Fujita and J. Sasaki (Editors), "Selected Topics in Applied Computer Science", WSEAS, ISBN: 978-960-474-231-8, Oct.2010.
- . http://www.wseas.us/conferences/2010/japan/edu/
- H. Fujita and J. Sasaki (Editors), "Selected Topics in Education & Educational Technology", WSEAS, ISBN: 978-960-474-232-5, Oct.2010.
- . http://www.wseas.us/conferences/2010/japan/remote/
- H. Fujita and J. Sasaki (Editors), "Selected Topics in System Science & Simulation in Engineering", WSEAS, ISBN: 978-960-474-230-1, Oct.2010.
- http://www.wseas.us/conferences/2010/japan/icossse/
- H. Fujita and J. Sasaki (Editors), "Selected Topics in Power Systems and Remote Sensing", WSEAS, ISBN: 978-960-474-233-2, Oct.2010 http://www.wseas.us/conferences/2010/japan/power/

83) Provide Lecture at Charles University invited by Prof. Milan Vlach, Dr. Roman Bartak
84) He worked as external evaluation members for academic staff at:
Osnabruck University, Germany, Al-Zaytoonah University of Jordan, University of Technology Sydney, American University of Sharjah, National Taiwan University, Stockholm University, Genoa University, Italy and many others.

Research history in countries other than Japan

1. "Distinguished International Research Fellow": July 2021 – June 30, 2022, Universiti Teknologi Malaysia (UTM), 81310 UTM Skudai, Johor Bahru, Johor, Malaysia (this fellowship is to do research online, and lectures online, to provide salary of 1000 US$ per month, enhancing the Key Performance Indicator of the UTM in publishing high quality journal articles with the host Professor Ali Selamat. It is based on a contract signed between Research Management center of UTM and myself.
2. International Distinguished Visiting Professor as faculty of Taipei University of Technology from May 1st, 2021 to December 31st, 2022. This is a position is to do

research for 30 days stay in Taipei, the collaborator to do such research with Prof. Tun-Wen PAI's team in Biometrics.

3. Research Distinguished Professor: Three years (January 2018-Decmeber 2021) as: Research Professor at Ho Chi Minh University of Technology (HUTCH), HochiMinh, Vietnam. It is a contracted research agreement to provide research support and guidance in machine learning to faculty professors at HUTCH.
4. Research Distinguished Professor (March 2017-March 2023) Andalusian Research Institute in Data Science and Computational Intelligence (DaSCI), University of Granada, Granada, Spain: a joint agreement as Research Professor working with the vice-rector Enrique Herrera Viedma, to do research in Decision Making and smart cities (it is a contract of 5000 Euro per pear).
5. Visiting Professor at Óbuda University**,** Budapest Hungary, April 2017-October 2017: doing research as International Advisory Board helps scientific work of the Doctoral School of Applied Informatics and Applied Mathematics (AIAMDI) at the Óbuda University, (full accommodation support and research fund) http://aidi.uni-obuda.hu/en/international-advisory-board-helps-scientific-work-of-the-doctoral-school-of-applied-informatics-aid 04/2017-10/2017
6. Visiting Research Professor at University of Duisburg-Essen, Software Engineering Laboratory headed by Prof. Volker Gruhn doing research of Intelligent Software Development, the visit is supported by University of Duisburg-Essen, Germany. 06/2017-08/2017
7. Honorary professor, National Taiwan Ocean University, Taiwan (Ph.D supervision research) with Prof. Tun-Wen Pai. 02/2014-4/2014
8. Visiting Distinguished Professor Universiti Teknologi Malaysia, Johor, Malaysia working with Prof. Ali Selamat research group, August 2014 to October 2018: https://news.utm.my/2014/08/professor-hamido-fujita-editor-in-chief-of-knowledge-based-systems-elsevier-is-utm-distinguish-visiting-professor/ for doing research 08/2014~09/2014
9. Visiting Honorary professor at Khalifa University of Science, Technology & Research (KUSTAR) www.kustar.ac.ae, Abu-Dhabi, UAE, 01/2013-02/2013
10. Expert Research Evaluation project for The Italian Agency for the Evaluation of University and Research Institutes (ANVUR). http://www.anvur.org/ 2012-2013
11. 5/2012~6/2012 Visiting fellow Professor position to the Institute of Informatics, Wroclaw University of Technology, Poland
12. Visiting Professor at Laval University, Quebec Canada, A position to do supervision of graduate studies students jointly with Professor Mohamed Mejri (Department of Computer Science and Software Engineering), a joint research on software security based on state algebra to integrate software policies on exciting specification and use state algebra to confirm certain properties respected by the new policy, supported by National Scientific Research Council (NSRC) of Canada and JSPS (Japan Society for the promotion of Science), 2009
13. Joint research with Mr. Chris Bowman (Faculty of Design) in UTS and Mathew Cornell Principal Curator-Physical Science & IT at Power House, Sydney (Australia) on Virtual Interaction project. 3/2009~4/2009
14. Collaborator in Interface Asymmetry Project: Université du Québec à Montréal (UQAM); headed by Prof. Anna Maria Di Sciullo; doing research on cognitive computing as part of the natural language processing. This project was supported by the Social Sciences and Humanities Research Council of Canada. 4/2004 to 5/2008

15. Invited Professor University of Paris_1, Sorbonne, Paris, France, at the CRI (Computer Research Institute) directed by Prof. Colette Rolland, doing research on requirement engineering, 4/2003 to 3/2004
16. Invited Professor at Stockholm University, Kista, Sweden at the faculty of Information Science, a joint research with Prof. Paul Johannesson and Prof. Love Ekenberg on Scheme integration using 1st order logic; as verification schema mechanism, 9/2003 to 3/2004
17. Invited Professor at Oregon State University, Corvallis, USA Invited Professor at the Computer Science department, to do research with Prof. Margaret Burnett and Prof.. Gregg Rothermel on spread sheet for empirical software, as part of collaboration Project. 8/2002 to 2/2003
18. Associate Professor, Department of Information and Research Operational(IRO), working with the research group of Prof. Gregor Bochmann on formal techniques in software and verification methods using 1st order logic for real-time systems, and reflective Languages. Also, working with Dave Parnas (McMaster University, and Prof. Luigi Logirboo (Ottawa University). 1/1990 to 3/1992

Achievements of joint research, etc. with foreign institutions,

1. Research joint project with University of Granada (Andalusian Research Institute in Data Science and Computational Intelligence (DaSCI)): with Prof. Enrique Herrera-Viedma on Decision Support System. It is a joint EU project collaboration, (March 2019-2024) for five years.
2. Joint Project: ***OLIMPIA***- *A nOvel accessibLe and wIdespread healthcare service Model based on technology innovation for objective (early) diagnosis and therapeutic monitoring of Parkinson's Disease promoting contInuity of cAre: supported by Toscana region, Italy. It is a collaborative joint project with Dr. Filippo Cavallo (The BioRobotics Institute Scuola Superiore Sant'Anna Viale Rinaldo Piaggio, 34, Pisa – ITALY) sponsored bu Toscana region, for three years starting from 2019 December to December 2022. My role is machine learning algorithms.*
3. Joint research Project with School of Electronic and Information Engineering, Beijing Jiaotong University, Beijing, China, Prof. Yongnan Zhang: Project on traffic network flow based on edge computing: January 2019- January 2022, my role is the machine learning and also Prof. Zhou research's advisor.

Awards received for research activities:

1. International Distinguished Visiting Professor award from Taipei University of Technology, May 2021 (allow to do research with fund support from Taipei University of Technology (10KUS$) with a support of 40 days stay in Taipei (Taiwan) valid on Spring 2022.
2. 名誉教授、岩手県立大学 2021 年 4 月 1 日 (Distinguished Professor Award Title from Iwate Prefectural University) April 1st 2021.

3. 感謝状 : 教育研究実績、岩手県立大学理事長（2021 年 3 月 31 日）Appreciation Award for research and Education from Iwate Prefectural University, March 31, 2021.
4. Highly Cited Researcher Award in Computer Science in Y2021 Clarivate Analytics, November 2021 https://recognition.webofscience.com/awards/highly-cited/2021/
5. Highly Cited Researcher Award in Computer Science in Y2020 Clarivate Analytics, November 2020 https://recognition.webofscience.com/awards/highly-cited/2020/
6. Recognition award from Elsevier executive Publisher; as Editor in Chief of Knowledge Based System, leveraging the journal to high impact factor: 2020 January https://doi.org/10.1016/j.knosys.2020.105491 https://www.facebook.com/photo.php?fbid=5076550335696262&set=p.5076550335696262&type=3
7. Highly Cited Researcher Award in Cross Field in Y2019 from Clarivate Analytics, November 2019 https://recognition.webofscience.com/awards/highly-cited/2019/ https://www.facebook.com/iwateprefuniversity/posts/3356818201025852/
8. 表彰状：多数の研究業績国際的高い評価等、岩手県立大学学長 2019 年 3 月 6 日 Recognition Award ; Iwate Prefectural University https://www.facebook.com/iwateprefuniversity/posts/2652888694752143/
9. Award of Doctor Honoris Causa from Politehnica University Timişoara, Romania May 2018 https://www.upt.ro/img/files/anuare/2018/publicatii/Doctor%20Honoris%20Causa%20(3).pdf https://www.upt.ro/Informatii_doctor-honoris-causa_417_en.html Coronation Ceremony movie: https://youtu.be/n2Ld35ybvYU
10. Recognition as Honorary Editor for Journal of Ambient Intelligence and Humanized Computing (AIHC), https://www.springer.com/journal/12652/editors 2015 January
11. Honorary Scholar Award from, School fo Information Technology, University Technology Sydney (UTS) Australia, with 6KUS$ for doing Research in UTS.
12. Recognition award as Distinguished title of: “Doctorate Honorary Causa” for high quality research achievements from Óbuda University, Budapest Hungary, July 2013 http://news.uni-obuda.hu/articles/2013/07/03/tiszteletbeli-doktoravatas-az-obudai-egyetemen
13. Recognition Award as Honorary Professorship title for high quality research outcome from Óbuda University, September 2011. http://news.uni-obuda.hu/articles/2011/09/03/szenatus-unnepi-kibovitett-tanevnyito-ulese

Patents:

1. Mohamed Mejri, Bechir Ktari, **Hamido Fujita (HEAD)** 2004 Japanese: WO2004081788: Static analysis method for word-oriented software; https://www.google.co.jp/patents/WO2004081788A1?dq=CA2518498&cl=en
2. Mohamed Mejri, Bechir Ktari, **Hamido Fujita(HEAD)** 2005 Japanese: WO2005029323: Software Generation Method; 2005 Canadian: CA2518498: Static analysis method for word-oriented software; https://www.google.co.jp/patents/CA2518498A1?dq=CA2518498&cl=en
3. Mohamed Mejri, Bechir Ktari, **Hamido Fujita(HEAD)** 2005 Canadian: CA2539794:

Software Generation Method;
https://www.google.co.jp/patents/CA2539794A1?cl=en&dq=CA2539794&hl=en&sa=X&ved=0ahUKEwiXn83amarXAhXBXLwKHcqIC8MQ6AEIKDAA

4. Mohamed Mejri, Bechir Ktari, **Hamido Fujita(HEAD)** 2006 European: EP1637990: Static analysis method for legacy software;
https://www.google.co.jp/patents/EP1637990A1?dq=CA2518498&cl=en

These are the original patent to provide the basic technology in legacy conversions by defining the requirement using words that are converted into source program. These patents: Static analysis and automatic code generation are registered in Japan, Canada, EU, US, and China. It is static analysis for binary code of old program. These programs were used in handling business transactions of millions of customers' data in banking and social insurance. The improvements stated in these patents were enhancing the program conversion automation technology in systems applications. The He is the project leader who provided the main mathematical structures other were research associates.

Publications (Selected):

He has published more than 400 technical papers.

1) Editing Book (Recent)

1) **Hamido Fujita**, Philippe Fournier-Viger, Moonis Ali, Wang Yinglin, Advances and Trends in Artificial Intelligence. Theory and Practices in Artificial Intelligence, Lecture Notes in Computer Science (LNCS, volume 13343), July 2022, https://link.springer.com/book/10.1007/978-3-031-08530-7

2) **Hamido Fujita**, Héctor Pérez-Meana: New Trends in Intelligent Software Methodologies, Tools and Techniques - Proceedings of the 20th International Conference on New Trends in Intelligent Software Methodologies, Tools and Techniques, SoMeT 2021, Cancun, Mexico, 21-23 September, 2021. Frontiers in Artificial Intelligence and Applications 337, IOS Press 2021, ISBN 978-1-64368-194-8

3) **Hamido Fujita**, Ali Selamat, Jerry Chun-Wei Lin, Moonis Ali: Advances and Trends in Artificial Intelligence. From Theory to Practice: Springer, 2021, Lecture notes in Artificial Intelligence, two-volume set of LNAI 12798 and 12799, 2021, DOI: 10.1007/978-3-030-79463-7, ISBN: 978-3-030-79462-0

4) **Hamido Fujita**, Fournier-Viger, P., Ali, M., Sasaki, J., Trends in Artificial Intelligence Theory and Applications. Artificial Intelligence Practices: Springer, Lecture notes in Artificial Intelligence, 2020, https://link.springer.com/book/10.1007/978-3-030-55789-8

5) **Hamido Fujita**, Ali Selamat, Sigueru Omatsu, Knowledge Innovation Through Intelligent Software Methodologies, Tools and Techniques, In series: Frontiers in Artificial Intelligence and Applications, Vol.327, IOS-Press, Sept. 2020 http://ebooks.iospress.nl/ISBN/978-1-64368-115-3

6) **Hamido Fujita**, Ali Selamat, New Trends in Intelligent Software Methodologies Tools and Techniques, In series: Frontiers in Artificial Intelligence and Applications 2019, IOS-press http://ebooks.iospress.nl/ISBN/978-1-64368-013-2

7) **Hamido Fujita**, Duy Cuong, NguyenNgoc, Pi VuTien Long, Banh Hermann, Horst Puta,

"Advances in Engineering Research and Application, Springer, 2018 https://link.springer.com/book/10.1007/978-3-030-04792-4

8) **Hamido Fujita**, Enrique Herrera-Viedma, "New Trends in Intelligent Software Methodologies Tools and Techniques," 2018 http://ebooks.iospress.nl/volume/new-trends-in-intelligent-software-methodologies-tools-and-techniques-proceedings-of-the-17th-international-conference-somet-18

9) **Hamido Fujita**, Ali Selamat, Sigeru Omatu New Trends in Intelligent Software Methodologies Tools and Techniques, Sept. 2017 http://ebooks.iospress.nl/ISBN/978-1-61499-800-6

10) **Hamido Fujita.,** Ali, M., Selamat, A., Sasaki, J., Kurematsu, " Trends in Applied Knowledge-Based Systems and Data Science, Lecture Notes in Artificial Intelligence 9799, 2016 Springer ISBN 978-3-319-42006-6, http://www.springer.com/us/book/9783319420066

11) **Fujita, H.,** Papadopoulos, G.A. New Trends in Intelligent Software Methodologies Tools and Techniques, Frontiers in Artificial Intelligence and Application series, 978-1-61499-673-6, Sept. 2016 http://www.iospress.nl/book/new-trends-in-software-methodologies-tools-and-techniques-13/

12) Ngoc Thanh Nguyen, Bogdan Trawinski, **Hamido Fujita**, Tzung-Pei Hong: Intelligent Information and Database Systems - 8th Asian Conference, ACIIDS 2016, Da Nang, Vietnam, March 14-16, 2016, Proceedings, Part I. Lecture Notes in Computer Science 9621, Springer 2016, https://www.springer.com/gp/book/9783662493809

13) Ngoc Thanh Nguyen, Bogdan Trawinski, **Hamido Fujita**, Tzung-Pei Hong: Intelligent Information and Database Systems - 8th Asian Conference, ACIIDS 2016, Da Nang, Vietnam, March 14-16, 2016, Proceedings, Part II. Lecture Notes in Computer Science 9622, Springer 2016, https://www.springer.com/gp/book/9783662493892

14) **Hamido Fujita**, Shun-Feng Su, NEW TRENDS ON SYSTEM SCIENCES AND ENGINEERING Proceedings of ICSSE 2015 editors: Frontiers in Artificial Intelligence and Applications, http://www.iospress.nl/book/new-trends-on-system-science-and-engineering/ 978-1-61499-521-0, Volume 276 of Frontiers in Artificial Intelligence and Applications, July 2015,

15) **H. Fujita**, Guido Guizzi (Eds.) Intelligent Software Methodologies, Tools and Techniques, Series: Communications in Computer and Information Science, Vol. 532, Springer, ISBN 978-3-319-22688-0, Sept 2015 http://www.springer.com/us/book/9783319226880

16) **H. Fujita**, A. Selamat (Eds.), Intelligent Software Methodologies, Tools and Techniques, Series: Communications in Computer and Information Science, Vol. 513, Springer, ISBN 978-3-319-17529-4, June 2015 http://www.springer.com/us/book/9783319175294

17) **Hamido Fujita**, Ali Selamat, Habiboalloh Harron: Editing a book: New Trends in Intelligent Software Methodologies Tools and Techniques, Frontiers in Artificial Intelligence and Application series, Volume 265, (North-Holland IOS Press), ISBN 978-1-61499-433-3 (online) 2014 http://ebooks.iospress.nl/volume/new-trends-in-software-methodologies-tools-and-techniques-proceedings-of-the-thirteenth-somet-14,

18) **Hamido Fujita**, Roberto Revetria: Editing a book: New Trends in Software Methodologies Tools and Techniques, Frontiers in Artificial Intelligence and Application

series, Editors Volume 246, (North-Holland IOS Press), ISBN 978-1-61499-124-3, 9/2012 http://ebooks.iospress.nl/volume/new-trends-in-software-methodologies-tools-and-techniques-7,

19) **Hamido Fujita**, Tatiana Gavrilova "New Trends in Software Methodologies Tools and Techniques, Frontiers in Artificial Intelligence and Application series, Volume 231, (North-Holland IOS Press), ISBN 978-1-60750-830-4, 9/2011http://ebooks.iospress.nl/volume/new-trends-in-software-methodologies-tools-and-techniques-6,

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15 Wensheng Gan, Jerry Chun-Wei Lin, Jiexiong Zhang, Han-Chieh Chao, **Hamido Fujita**, Philip S. Yu: ProUM: High Utility Sequential Pattern Mining. SMC 2019: 767-773, https://dx.doi.org/10.1109/SMC.2019.8914402

16 **Hamido Fujita**, Machine Learning Challenges is Health care predications, Keynote speaker for The ICERA 2018 International Conference on Engineering Research and Applications http://icera2018.tnut.edu.vn/keynote-speakers / December 1-2, 2018 in Thai Nguyen, Vietnam

17 **Hamido Fujita**, Keynote speaker "Granular Computing and Machine Learning for Bioinformatics" at International Joint Conference on Rough Sets (IJCRS2018) http://conference.hocict.edu.vn/index.php/keynote-speakers, August (20~24) in Quy Nhon, Vietnam, supported by International Rough Set Society

18 **Hamido Fujita**, Keynote Speaker on Machine Learning and Healthcare technology, at the 10th Mexican Conference on Pattern Recognition (MCPR2018), Puebla, Mexico from June 27 to June 30, 2018, https://ccc.inaoep.mx/~mcpr2018/speakers.html

19 **Hamido Fujita,** a keynote speaker on “Research challenges on Granular Computing: Data Analytics and Uncertainty.” at CGCKD (2018 年中国粒计算与知识发现学术会议 (第十八届粗糙集与软计算学术会议、第十二届粒计算学术会议、第六届三支决策学术会议) 2018 China, August, 2018 http://fansmale.com/cgckd2018/report.html

20 **Hamido Fujita**, was invited Professor on June 3-June 10 for four institutions in Changsha (China): Central South University (Students Evaluations Committee) Invited talk on Challenges on Data Analytics for Risk Predictions based on Deep Ensemble Learning: http://bs.csu.edu.cn/info/1045/5465.htm, Hunan Normal University (Invited Lecture on Knowledge-Based Systems) http://news.hunnu.edu.cn/info/1469/33063.htm , Hunan University (invited talk) Changsha University of Science and Technology (Invited lecture)

21 **Hamido Fujita**, Keynote: Big Data Forum, March 30~April 1st 2018, organized by Chongqing University of Posts and Telecommunications, Chongqing China. http://cs.cqupt.edu.cn/info/1034/6047.htm and http://xylyh.cqupt.edu.cn/info/1009/1349.htm and http://cs.cqupt.edu.cn/info/1034/6039.htm

22 **Hamido Fujita**, keynote at Harbin Institute of Technology (HIT), (Harbin Campus) March 14 to March 17, 2018 http://today.hit.edu.cn/news/2018/03-20/1430158030RL0.htm , then invited by Harbin Institute of Technology, (Shenzhen Campus) give a talk, and others March 17 to March 21, http://cs.hitsz.edu.cn/news/news/news_xsjz/20170407/1069.html then invited by Sichuan University (Chengdu) March 21 to March 27 (2018). And also South West Jintao University to give a talk on data science

23 Philippe Fournier-Viger, Zhitian Li, Jerry Chun-Wei Lin, Rage Uday Kiran, **Hamido Fujita**: “Discovering Periodic Patterns Common to Multiple Sequences,” International Conference on Big Data Analytics and Knowledge Discovery, 2018, pp 231-246 https://doi.org/10.1007/978-3-319-98539-8_18

24 Philippe Fournier-Viger, Yimin Zhang, Jerry Chun-Wei Lin, **Hamido Fujita**, Yun Sing Koh, “Mining Local High Utility Itemsets,” International Conference on Database and Expert Systems Applications (2) 2018: 450-460, **Citations: 4** https://dx.doi.org/10.1007/978-3-319-98812-2_41

25 **Hamido Fujita**, Yu-Chien Ko, "Subjective Analysis of Price Herd Using Dominance Rough Set Induction: Case Study of Solar Companies", International Joint Conference on Rough Sets, IJCRS 2018: Rough Sets pp 1-12, https://doi.org/10.1007/978-3-319-99368-3_1

26 **Hamido Fujita**: Keynote ”Challenges on Data Analytics for Risk Predictions Based on Deep and Ensemble Learning”. IEEE SACI 2018: 13-14, https://doi.org/10.1109/SACI.2018.8441022

27 K Kotaro Ambai, **Hamido Fujita (HEAD)**: “MNDO: Multivariate Normal Distribution Based Over-Sampling for Binary Classification,” Volume 303: New Trends in Intelligent Software Methodologies, Tools and Techniques 2018: 425-438, https://doi.org/10.3233/978-1-61499-900-3-425

28 Toshitaka Hayashi, **Hamido Fujita (HEAD)**: “Sentence-Level Sentiment Analysis Using Feature Vectors from Word Embeddings,” Volume 303: New Trends in Intelligent Software Methodologies, Tools and Techniques 2018: 749-758, https://doi.org/10.3233/978-1-61499-900-3-749

29 **Hamido Fujita** invited lecture on “New direction in Machine Learning: Risk Predictions for Health Care” at Beijing Jiantong University, China September 2018 http://eaie.bjtu.edu.cn/cms/item/1834.html

30 Lim Kok Cheng, Ali Selamat, Mohd Hazli Mohamed Zabil, Md. Hafiz Selamat, Rose Alinda Alias, Fatimah Puteh, Farhan Mohamed, Ondrej Krejcar, Enrique Herrera-Viedma, **Hamido Fujita**, “Feasibility Comparison of HAC Algorithm on Usability Performance and Self-Reported Metric Features for MAR Learning” Volume 303: New Trends in Intelligent Software Methodologies, Tools and Techniques 2018: 896-910, https://doi.org/10.3233/978-1-61499-900-3-896

31 U. Raghavendra, Anjan Gudigar, Tejaswi N. Rao, **Hamido Fujita**, U. Rajendra Acharya, “Automated Detection of Lung Nodules Using HOG Technique with Chest X-Ray Images,” Volume 303: New Trends in Intelligent Software Methodologies, Tools and Techniques 2018, *1018-1026* https://doi.org/10.3233/978-1-61499-900-3-1018

32 **Hamido Fujita**: Keynote: Challenges on Big data based Clouds Health-Care for Risk Predictions based on Ensemble Classifiers and Subjective Analysis. The 7th International Conference on Cloud Computing and Services Science, CLOSER 2017, http://closer.scitevents.org/KeynoteSpeakers.aspx?y=2017

33 **Hamido Fujita**, Keynote speaker “machine learning state of art,“ for Korean Software Congress 2017: December 20, 2017. http://www.kiise.or.kr/conference/KSC/2017/ click on program

34 **Hamido Fujita**, Plenary Speaker at the IEEE 15thInternational Symposium on Intelligent Systems and Informatics (SISY 2017) to be held on September 14-16, 2017 in Subotica, Serbia http://conf.uni-obuda.hu/sisy2017/

35 **Hamido Fujita**, Plenary Speaker On Machine Learning based Granular Computing for Healthcare”, at INES 2017 in Larnaca, Cyprus http://www.ines-conf.org/ines-conf/2017index.html on October 20-23, 2017.

36 **Hamido Fujita**, Keynote speaker in Internet of thing, big data and Security conference IoTBDS 2017 held in conjunction with COMPLEXIS 2017, CLOSER 2017, SMARTGREENS 2017 and VEHITS 2017. http://www.iotbds.org/ 24~27 April 2017

37 **Hamido Fujita**, Keynote speaker http://ke.cau.ac.kr/intenv2017/keynote_speakers.html at The 13th International Conference on Intelligent Environments - IE'17, http://ke.cau.ac.kr/intenv2017/ 23~25, August 2017, Seoul, Korea

38 **Hamido Fujita**, Keynote speaker http://fzuconf.com/GI/keynote.htm at 2017 International Conference on Green Informatics (ICGI) - ICGI 2017, http://fzuconf.com/GI/index.htm 15~17, August 2017, FuZhou, China

39 Raquel Ureña; Francisco Chiclana; **Hamido Fujita**; Enrique Herrera-Viedma, "Confidence based consensus model for intuitionistic fuzzy preference relations", 2017 4th International Conference on Control, Decision and Information Technologies (CoDIT), 10.1109/CoDIT.2017.8102683,http://ieeexplore.ieee.org/document/8102683/

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41 **Hamido Fujita**, Vidya K. Sudarshan, Muhammad Adam, Shu Lih Oh, Jen Hong Tan, Yuki Hagiwara et al. ”Characterization of Cardiovascular Diseases Using Wavelet Packet Decomposition and Nonlinear Measures of Electrocardiogram Signal”, Pages 259-266, 30th International Conference on Industrial Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2017, Arras, France, June 27-30, 2017 springer , https://link.springer.com/chapter/10.1007/978-3-319-60042-0_30

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43 **Hamido Fujita**: Keynote “Data analytics for clouds health-care and risk predictions based on ensemble classifiers and subjective projection,” IEEE International Symposium Intelligent Systems and Informatics SISY 2017, https://ieeexplore.ieee.org/document/8080525/

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51 **Hamido Fujita**, Keynote “On Ensemble Learning for health Care Systems,” at the third (3rd) edition in the series of the International Conference on Control, Decision and Information Technologies CoDIT’16 http://www.codit2016.com/index.php/ April 6-8, 2016 at Saint Julian's, Malta

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67 **Hamido Fujita**, Keynote Speaker on "Risks-Forcast@People-in-Clouds: big Databased Clouds Healthcare and Risk Forecasting based on Subjective Intelligence," at 16th IEEE International Symposium on Computational Intelligence and Informatics, November 19-21, 2015, CINTI2015, Budapest http://www.proceedings.com/29243.html

68 **Hamido Fujita**, Keynote speaker on "Big Data: State of Art, how to use it and Future Concrete Implementations in Manufacturing" and "Production and Service Delivery supporting Intelligent Information Technologies" http://www.summerschool-aidi.it/edition-2015/edition-2015/program.html September 2015.

69 **Hamido Fujita**, Keynote speaker at ISME2015: 11th International Symposium on Management Engineering KitaKyushu, Japan, September 2~4, 2015

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課題番号：06044195, 国際学術研究 (研究代表者が藤田ハミド) 1994/04-1996/03

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課題番号：05680317, 一般研究 C (研究代表者が藤田ハミド) 1993/04-1996/03

Summary of Professional Experience

He has directed many project sponsored by the Ministry of Science and Culture of Japan, and others from International sponsors and Japanese company sponsored project on new software methodologies. http://www.somet.soft.iwate-pu.ac.jp/

He has founded ARISES (Advanced Research Institute on Software Strategies), in Iwate Japan, He is now the director ARISES, also he is the director of Intelligent Software Laboratory in Iwate prefectural University.

He got three international patents: European Patent EP1693745, Canadian Patent: CA 2518498, European Patent EP1637990, US Patent 20070006194
These patents are related to new techniques based on state algebra to do program conversion and legacy systems.
Also, he is the founder of SOMET organization. (New Software Methodologies Tools and Techniques).
http://www.somet.soft.iwate-pu.ac.jp/en/conference/index.html

He published many books (by IOS press, IGI press, Springer and Elsevier) and journal special issues, and journal papers, and participated in many conferences worldwide. He is also supervising Ph.D students jointly with world wide universities.
He has been editor in Chief of the International Journal of Knowledge base Systems, Elsevier. The impact factor of 2015 reached 3.325, the journal becomes top SCI journals in Q1.He edited several special issues published by Elsevier.

He has been technical advisor of Catena co, and SANGIKYO co.; Japanese company in software development.
He headed a cognitive interaction project on Intelligent HCI. As project leader he got on April 2008, a big Scientific grant (B) from Ministry of Education, Science, and Culture of Japan on Mental Cloning for Intelligent computer interaction, for three years from 2008 April to March 2011. He was board Scientific Council member of Mangold International Co. that posted Virtual Kenji Project: https://www.mangold-international.com/en/about-us/references/publications/human-computer-interaction-and-human-factors/virtual-cognitive-model-for-miyazawa-kenji-based-on-speech-and-facial-images-recognition
Around 31 Ph.D students, about 52 Master degree students, and more than 110 Bachelor degree students graduated from his Laboratory. He has supervised Ph.D students in many other universities jointly: Laval University, Quebec Canada, with Prof. Mohamed Mejri, University Amsterdam, http://www.cs.vu.nl/ with Prof. Jan Truer (Agent Research Group), University of Stockholm, with Prof. Love Ekenberg, University of Paris_1 with Prof. Colette Rolland, Ernest Edmonds of Loughborough University, UK.

Accomplishments

He has directed many project sponsored by the Ministry of Science and Culture of Japan, and others from International sponsors and Japanese company sponsored project on new software methodologies. http://www.somet.soft.iwate-pu.ac.jp/ (April 2001 to June 2005).
Through this project he established a new concepts on software development, and got three international patents: European Patent EP1693745, Canadian Patent: CA 2518498, European Patent EP1637990, US Patent 20070006194, and other to be confirmed later like (PCT/JP2005/012905).
These patents are related to new techniques based on state algebra to do program conversion and legacy systems. These have been recently adapted and used in software diagnosis in actual business application, and software security in specific anonymous Japanese companies.

He contributed with European partners on designing Intelligent Environment with Robots endowed of (a) customizability to different scenarios, (b) continuous self-adaptation of services during its functioning. The project envisioned a shift from statically configured Living Environments and/or Single Companion Robot for specific tasks to a new generation of Adaptable Living Environments with Interactive Robots whose functionalities were enhanced by a backend that takes advantage of Data and Knowledge Management (through a Cloud Computing infrastructure and a Recommender System) and AI (through a Sense-Plan-Act cycle). The Sense-Plan-Act module sensed features from data, prioritizes outstanding goals, plans for specific adaptations of the sensors/actuators, deciding heterogeneous stimuli for the robot interaction. The robot showed differences in answers as time passes thanks to the reasoning on knowledge in the background and the suggestions from plan adaptation. Self-adaptation and a metric that combines components belonging to environmental, lifestyle and health sensors as well as by integrating them with data from the interaction with robots and data from the IoT in a broader sense.

He led a cognitive Avatar project on Intelligent HCI, to build a software system than can

clone the mentality and behavior of famous passed away Japanese writer. As project leader he got on April 2008, a big Scientific grant (B) from Ministry of Education, Science, and Culture of Japan on Mental Cloning for Intelligent computer interaction, for three years from 2008 April to March 2011. In this project he built a system to interact with human user based on their internal and mental behavior to establish the best harmony and engagement between the computer system and human user, based on facial analysis reasoning.
Then after, on 2009 to 2012, a grant categorized as SCOPE for two years from Ministry of Telecommunication has been approved to build Virtual Doctor based on cognitive reasoning of patients, to provide a practical application for medical diagnosis using medical knowledge based system based on fuzzy reasoning alignment concept built by Prof.'s Fujita group.

He founded on April/2005 ARISES (Advanced Research Institute on Software Strategies), in Iwate Japan, as an entity to establish the best software practices between academia and industry. He was the director of ARISES, also he was the director of Intelligent Software Laboratory in Iwate prefectural University. ARISES through his leadership contributed to build a best bridge between academia, governmental institution and industry to build best practices software system applications, 2005/04 to 2010/3

He published and edited many books (by IOS press, IGI press, and Elsevier), journal special issues, and journal papers. He contributed as program chair, program committee member in many conferences worldwide. Also, he gave invited talks at many universities worldwide (University of Paris_1, Delft University, VU-Amsterdam University, Stockholm University, Oregon State University, Sydney University, Brasov University, Novosibirsk University, CNR of ROME, Laval University, Leipzig University, Dortmund University, Transylvania University, Brasov, Romania and Technical University of Copenhagen) He is also supervising PhD students jointly with University of Laval, Canada, University Technology, Sydney (UTS) Sydney Australia, University of Paris_1 with Prof. Colette Rolland, and work as opponent for the university of Stockholm, Sweden (with Prof. Love Ekenberg). He gave honorary talks at National Taiwan University, Novi-Sad University, and many other universities in Europe, Canada, USA, Mexico, Australia), and Asia. He received honorary professorship from Óbuda University on his outstanding achievement in research and education. He is vice President of International Society of Applied Intelligence (ISAI). He provided special advises on new research direction in intelligent systems and knowledge bases.
He edited several special issues on software securities and creative software design published by Elsevier. He gave many key notes talks in outstanding international conferences and opening ceremonies in academia.
He was also technical advisor of Catena co, and SANGIKYO co.; Japanese company in software development. He also had a recent project on mobile service from KDDI, Japan. Also, he is board directors member of Mangold International Co, works as a technical advisory for INTERACT software business. His education concept is "practicing science in Industry"

(1) Accomplishment: (2000-2004)

Inventing tools for intelligent software systems to legacy conversion, as leader of project to develop several new tools accelerated the merging technology of management system enterprise with less time and errors. Without these tools it was difficult to integrate different platforms in automatic fashion, the conventional system integration usually produced a lot of errors that are difficult to trace and also it is ad hoc. He

invented basic technology in legacy conversions by defining the requirement using words concept that are converted into source program. The technology invented is static analysis for binary code of old programs in frame computer. These programs were used in handling business transactions of millions of customers' data in banking and social insurance system. In early 2000 there were big moves in industrialized worlds to merge banks and several governmental institutions as well as companies' management systems. The project initiated on the year 2001 had the mission to provide new innovations to resolve these matters. He contributed to handle this new ambitious development that paved the improvement and enhancement in automatic program conversion technology in business systems application in special and other application in general. These techniques could pave the path to automatic legacy conversion proving new merging innovations of different systems into another one system, and making different systems to be practical act as one management to be employed in industry. This provided a good lasting development for industry in business merging. He was acting as the project leader, providing the technical expertise that enabled the implementation of the conversion reserving the original properties of the previous system with more reliable, robust and security handling (old and new) properties. He developed the critical mathematical functions (the main core of the algorithm) of the logical structure handling the conversion and provided the engineering expertise to convert these mathematical functions to practice (providing the mathematical proof of the generated code reflecting the logical and mechanical correction of the conversion). The ability in merging different business old systems using this technology could provide high quality merged system and reduce the price of conventional merging system in practice. The innovation was extended to security support sustaining system performance in hazard environment.

(2) Accomplishment:2005-2010: Prof. Fujita developed a system used the above integrated technology to create human interaction for medical diagnosis. The developed system namely Virtual Doctor System (VDS) has been deployed as a model for medical diagnosis. Medical doctors' mental model is utilized and analyzed in knowledge-Based Systems structured in multi-dimensional feature on multi-stream data base for feature extraction and then mining. The innovation is based on designed concepts reflecting two ontologies, namely mental ontology and physical ontology. The logical interaction based on features between them could provide an interesting and efficient reasoning to analyze medical data for health predictions. The predictions to be dedicated in advance were applied for analyzing risky situation in heart attack situation,

liver disease analysis, epilepsy prediction before the on-set and other types of sickness. Prof. Fujita developed the mathematical functions on how to derive specific feature from two merged ontology. Also He developed algorithm that can predict heart attack collected from different signals. Highly cited articles were published by his team. The innovation was extended into systems for health detection for elderly drivers who suffered from certain symptoms.

(3) Accomplishment:2010-2019 He is co-founder and editor-in-chief of the journal knowledge-based systems, (Elsevier) in 1993, and his editorial experience had contributed in providing good quality highly cited journal with impact of factor that ranked the journal as top 16 in Computer Science and Artificial Intelligence domain. His outstanding contribution has participating in providing credibility and trust among the scientific communities by making the journal as front runner. The special issues and reviewing articles edited on hot topics provided enlightening path on scientific research directions.

(4) Accomplishment: 2015-2020 The multi-feature prediction in Knowledge-Based Systems that Prof. Fujita offered had rich accomplishment being referenced by a large number of researchers. It is interesting to see these ideas being applied in economic predictions, like new innovation in relation to three-way decision granular computing employed on attribute reduction in rough set theory, efficiently used in business and medical systems decisions making articulated from big data sampling. The dominance relation extension he developed was explored for modeling subjective evidences in computing attributes ranking importance preferences and relevance, to instrument the subjective certainty of evidential weight used in decision support and optimization. He applied this to reason on economic growth prediction in developed and undeveloped nations based on relationship projected on quantitative easing and other studied situations. The mathematical model was applied to measure cooperate financial distress predicting the listing status of companies as multi-class classification models. These are exhibited by good quality highly cited journal articles. His innovative findings and others related to development of systems for prediction on symptoms for medical diagnosis have in total a significant out come in increasing the prediction accuracy in multi-feature extraction in high dimensional classification applications, a hot topic in recent big data analysis. He as world class expert had provided innovative learning mechanism as brilliant setting to derive reference point that guide the learning discovery to scalable prediction; achieving better optimization and accuracy. These analyses

exhibited remarkable accomplishments in the prediction accuracy using high dimensional classification, resembling a significant contribution to the society in multi-feature extraction from high dimensional space data.