附件 5：

本指导教师情况表是否同意上网：■同意 □不同意

2015 年、2016 年可接收外国留学研究生指导教师情况表

（中英文版）

Resume of Supervisor

导师姓名： Name of supervisor:	吉川荣和 Hidekazu Yoshikawa	导师类别： Supervisor Level:	博导 ■ 硕导 □ Doctor Master
学院 College:	核科学与技术学院 College of Nuclear Science and Technology		
学科 Discipline：	核科学与技术 Nuclear Science and Technology		
电话 Tel:	0086 451 82568019	邮 箱 EMAIL	yosikawa@kib.biglobe.ne.jp
办公地址 Address:	31#438 Room 446 , 31#Bldg		
2015 年拟接收留学生层次及人数 Levels and Numbers of International Students	■ 博士留学生__1__名; Doctor Candidates __1___ persons		
2016 年拟接收留学生层次及人数 Levels and Numbers of International Students	■ 博士留学生___1_名; Doctor Candidates __1___ persons		
可供留学研究生从事的研究方向： Options of Research Fields for International Students	核动力安全、运行支持技术 Nuclear Power Safety, Operator Support Technology		
教育背景： Educational Background:	1965 年 京都大学工学部 电气工程学专业 本科 毕业 Bachelor degree from electronic engineering, Kyoto University, Japan, 1965 1967 年 京都大学工学部 电气工程学硕士 毕业 Master degree from electronic engineering, Kyoto University, Japan, 1967 1971 年 京都大学 工学博士 毕业 Ph.D degree from Engineering, Kyoto University, Japan, 1971		
工作经历： Professional Experience:	● 1970 年 京都大学原子能研究所 助手 Assistant Professor, Nuclear Energy Institute, Kyoto University ● 1974 年-1976 年 动燃集团高速增殖反应堆研究开发本部 职员、研究员、副主任研究员 Staff, researcher and senior researcher at FBR Research Department of Power and Fuel Co. Ltd., Japan ● 1976 年-1978 年 德国 Karlsruhe 核研究中心 客座研究员 Guest researcher at Karlsruhe Nuclear Research Center, Germany ● 1979 年动燃集团大洗工学中心 FBR（FBR 高速增殖反应堆）安全性试验室 副主任研究员 安全分析小组 负责人 Senior researcher at FBR Research Department of Power and Fuel Co. Ltd., Japan ● 1981 年-1992 年 京都大学原子能研究所核反应堆测量工学部 副教授、		

	教授 Associate Professor and Professor at Nuclear Reactor Measurement Institute, Kyoto University, Japan ● 1996 年-2005 年京都大学研究生院能源科学研究科 教授、院长 Professor and Dean at Graduate School of Energy Science, Kyoto University, Japan ● 2006 年 4 月 京都大学名誉教授 Professor Emeritus of Kyoto University ● 2006 年-2009 年 京都大学兼任讲师 Lecturer, Kyoto University ● 2007 年-2012 年 日本原子力研究开发机构 客座研究员 Guest researcher, Japan Atomic Research Research Institute ● 2006 年 中国大连理工大学 客座教授 Guest Professor, Dalian Science and Technology University ● 2008 年-至今 中国哈尔滨工程大学 特聘教授 Distinguish Professor, Harbin Engineering University, China
学术活动： Academic Activities:	日本人机接口学会主席 President, Society of Human-Machine Interface, Japan 日本保全学会副主席 Vice President, Society of Maintenance, Japan 日本和谐社会论坛主席 President, Symbio Community Forum, Japan 核安全与仿真国际期刊主编 Editor-in-chief of International Journal of Nuclear Safety and Simulation
发表文章： Publication:	**A. Selected Papers** 1. **YOSHIKAWA,H.**: Distributed HMI System for Managing all Span of Plant Control and Maintenance, Nuclear Engineering and Technology, April 2009, 41(3):237-246. 2. SHIMODA Hiroshi, MATSUDA Koji, ISHII Hirotake, and **YOSHIKAWA Hidekazu**: Improvement of mutual understanding in risk communication by application of a debate support system, Nuclear Safety and Simulation, Vol. 1, Number 2, June 2010、pp. 158 ~ 165. 3. ZHANG Qi, **YOSHIKAWA Hidekazu**, ISHII Hirotake, and SHIMODA Hiroshi: Integrated and visual performance evaluation model for thermal systems and its application to an HTGR cogeneration system, Nuclear Safety and Simulation, Vol. 1, Number 3, September 2010, pp. 258~ 265. 4. YANG Ming, ZHANG Zhijian, **YOSHIKAWA Hidekazu**, LIND Morten, ITO Kyoko, TAMAYAMA Kiyoshi, and OKUSA Kyoichi: Integrated method for constructing knowledge base system for proactive trouble prevention of nuclear power plant, Nuclear Safety and Simulation, Vol. 2, Number2, June 2011,pp. 140~ 150. 5. **YOSHIKAWA Hidekazu**, YANG Ming, HASHIM Muhammad, LIND Morten, and ZHANG Zhijian: Design of risk monitor for nuclear reactor plants, Nuclear Safety and Simulation, Vol. 2, Number 3, September 2011, pp. 266~ 274. 6. LIND Morten, **YOSHIKAWA Hidekazu**, JØRGENSEN Sten Bay, YANG Ming, TAMAYAMA Kiyoshi, and OKUSA Kyoichi: Multilevel flow modeling of Monju Nuclear Power Plant, Nuclear Safety and Simulation, Vol.2, Number 3, September, 2011, pp. 275~ 285.

	7. **H. Yoshikawa**: A historical review of human-machine research in Japan as resonanced with MTO projects in Halden" .Joint Opening Session Speakers at ENLARGED HALDEN PROGRAMME GROUP MEETING, Hotel Alexandra, Loen, Norway, 18th – 23rd May, 2008 8. Qi ZHANG, **Hidekazu YOSHIKAWA**, Hirotake ISHII and Hiroshi SHIMODA: Study on an Integrated and Visual Analysis Evaluation Method for Thermal Systems and Its Application for a HTGR Cogeneration System, The 2nd International Symposium on Symbiotic Nuclear Power Systems for 21 Century (ISSNP2008), September 8-10, 2008, Harbin, Heilongjiang, China 9. Yang Ming, **Yoshikawa Hidekazu**, Zhang Zhijian and Yan Shengyuan: Development of a Risk Monitoring and Assessment System for Nuclear Power Plant, The 2nd International Symposium on Symbiotic Nuclear Power Systems for 21 Century (ISSNP2008), September 8-10, 2008, Harbin, Heilongjiang, China 10. SHIMODA Hiroshi, MATSUDA Koji, ISHII Hirotake and **YOSHIKAWA Hidekazu**: Improvement of Mutual Understanding in Risk Communication Applying a Debate Support System, The 2nd International Symposium on Symbiotic Nuclear Power Systems for 21 Century (ISSNP2008), September 8-10, 2008, Harbin, Heilongjiang, China 11. Hidenori Fujino, Saizo Aoyagi, Hirotake Ishii, Hiroshi Shimoda, **Hidekazu Yoshikawa**,Hiroshi Sakuda and Toshio Sugiman: Design of the Strategy for Promoting Organizations' Learning by the Databases about Previous Unsafe Incidents, The 2nd International Symposium on Symbiotic Nuclear Power Systems for 21 Century (ISSNP2008), September 8-10, 2008, Harbin, Heilongjiang, China 12. **Hidekazu Yoshikawa**, Ming Yang, and Yangping Zhou: EXPLORATION OF ONLINE DIAGNOSTIC SYSTEM TO SUPPORT ORGANIZATIONAL LEARNING FOR PLANT MAINTENANCE WORK -PROBLEM SETTING AND PROPOSAL OF SYSTEM ARCHITECTURE Sixth American Nuclear Society International Topical Meeting on Nuclear Plant Instrumentation, Control, and Human-Machine Interface Technologies NPIC&HMIT 2009, Knoxville, Tennessee, April 5-9, 2009, on CD-ROM, American Nuclear Society, LaGrange Park, IL (2009) 13. **YOSHIKAWA H.**, and YANG M.: Study on Integrated Method for Constructing Proactive Trouble Prevention Knowledge Base, Proc. 18 th International Conference on Nuclear Engineering (ICONE18), Xi'an, China, May 17-21, 2010. 14. Saizo Aoyagi, Hidenori Fujino, Hirotake Ishii, Hiroshi Shimoda, Hiroshi Sakuda, **Hidekazu Yoshikawa**, Toshio Sugiman: Proposal and Field Practice of a Method for Promoting CMC Hiyarihatto Activity, International Symposium on Symbiotic Nuclear Power Systems for 21st Century (ISSNP2010) August 23-15,2010 Harbin, China 4-A-2 15. **YOSHIKAWA Hidekazu**, YANG Ming, LIND Morten, ITO Kyoto,TAMAYAMA Kiyoshi, and OHKUSA Kyoichi: Study on integrated method for constructing proactive trouble prevention knowledge base – framework of systemizing knowledge base of design target with multi-level flow model-, International Symposium on Symbiotic Nuclear Power Systems for 21st Century (ISSNP2010) August 23-15,2010 Harbin, China 4-A-6 16. **YOSHIKAWA, H.**, YANG, M., LIND, M.,TAMAYA, K and OKUSA, K.: Development of Semiotic Framework of Proactive Trouble prevention Knowledge

	Base System and it Application for FBR Prototype Plant Monju, Proceedings of 7'th American Nuclear Society International Topical Meeting on Nuclear Plant Instrumentation, Control and HMI Technologies NPIC&HMIT 2010. Las Vegas, Nevada, November 7-11. 17. Yangping Zhou, Yujie Dong, **Hidekazu Yoshikawa:** AN INTEGRATED TOOL FOR DEVELOPING OPERATOR SUPPORT SYSTEM OF NUCLEAR POWER PLANT, Proceedings of 7'th American Nuclear Society International Topical Meeting on Nuclear Plant Instrumentation, Control and HMI Technologies NPIC&HMIT 2010. Las Vegas, Nevada, November 7-11. 18. **YOSHIKAWA Hidekazu**, YANG Ming, ZHANG Zhijian, HASHIM Muhammad, LIND Morten, TAMAYAMA Kiyoshi, and OKUSA Kyoichi: Design Concept of Human Interface System for Risk Monitoring for Proactive Trouble Prevention, ICI2011 (ISOFIC, CSEPC, ISSNP 2011), Daejeon, Korea, August 21~25, 2011 19. LIND Morten, **YOSHIKAWA Hidekazu,** JØRGENSEN Sten Bay,YANG Ming, TAMAYAMA Kiyoshi and OKUSA Kyoichi: Multilevel Flow Modeling of Monju Nuclear Power Plant, ICI2011 (ISOFIC, CSEPC, ISSNP 2011), Daejeon, Korea, August 21~25, 2011 20. Hashim Muhammad, Yoshikawa Hidekazu and Yang Ming. Development of reliability monitor by GO-FLOW methodology for the safety related sub-systems in PWR. Intentional Journal of Nuclear Energy Science and Technology. Vol 8 (1) 2013. 21. Hashim Muhammad, Yoshikawa Hidekazu, Matsuoka Takeshi, Yang Ming, Common cause failure analysis of PWR containment spray system by GO-FLOW methodology. Nuclear Engineering and Design 262 (2013) 350–357 22. Muhammad Hashim, Hidekazu Yoshikawa, Takeshi Matsuoka and Ming Yang Considerations of uncertainties in evaluating dynamic reliability by GO-FLOW methodology –example study of reliability monitor for PWR safety system in the risk-monitor system. Journal of Nuclear Science and Technology, 2013, 50:7, 695-708 23. Muhammad Hashim, Hidekazu Yoshikawa, Takeshi Matsuoka and Ming Yang. Reliability Monitor for PWR safety system using FMEA and GO-FLOW Methodology - Application of Risk Monitor for Nuclear Power Plants. 21th International conference on nuclear engineering (ICONE-21), 2013, Chengdu, China. 24. HASHIM Muhammad, YOSHIKAWA Hidekazu, and YANG Ming. Addressing the fundamental issues in reliability evaluation of passive safety of AP1000 for a comparison with active safety of PWR, Nuclear Safety and Simulation, Vol. 4, Number 2, June 2013 25. Muhammad Hashim, Yoshikawa Hidekazu, Matsuoka Takeshi, and Yang Ming Quantitative dynamic reliability evaluation of AP1000 passive safety systems by using FMEA and GO-FLOW method(Journal of Nuclear Science and Technology to be submitted soon) 26. HASHIM Muhammad, YOSHIKAWA Hidekazu, MATSUOKA Takeshi and YANG Ming. Reliability analysis of four stages Automatic Depressurization System (ADS) used in AP1000 plant(ISSNP paper under process) 27. Yoshikawa Hidekazu, Lind Morten, Yang Ming, Hashim Muhammad, Zhang Zhijian. Configuration of Risk Monitor System by Plant Defense-in-Depth Risk Monitor and Reliability Monitor. International Journal of Nuclear Safety and Simulation. Vol.3(2),

	140-152, 2012 28. Hashim Muhammad, Matsuoka Takeshi, Yang Ming. Development of a Reliability Monitor for the Safety Related Subsystem in a PWR Considering the Redundancy and Maintenance of Components by Fault Tree and GO-FLOW Methodologies. International Journal of Nuclear Safety and Simulation. Vol.3(2), 164-,, 2012 29. Hashim Muhammad, Matsuoka Takeshi, Yoshikawa Hidekazu, Ming Yang. Dynamical Reliability Analysis for ECCS of Pressurized Water Reactor Considering the Large Break LOCA by GO-FLOW Methodology. International Journal of Nuclear Safety and Simulation. Vol.3(1), 81-90, 2012

页面不足时，可另附页。

导师签字：
主管领导签字：
2014 年 7 月 9 日