GC 2012-5641: JSEE ENGAGEMENT WITH AEESEAP TO SUPPORT INTERNATIONAL STUDENTS STUDYING IN JAPAN

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Masahiro TAKEI PERSONAL Born: August 20, 1965, Tokyo, Japan AFFILIATION Graduate Course of Mechanical Engineering, Division of Artificial Systems Science Chiba University, Chiba Japan WORK EXPERIENCES 1991-1992 Toyota Motor Company, Design Division 1995-2000 Research Assistant, Nihon University 2000-2005 Lecturer, Nihon University 2005-2009 Associate Professor, Nihon University 2007 Guest researcher of University Leeds in UK organized by the Royal Society UK 2009-2011 Professor, Nihon University 2011-Present Professor, Chiba University EDUCATION 1989 Bachelor Course of Waseda University, Tokyo Japan 1989-1991 Master Course of Graduate School of Waseda University, Tokyo Japan 1992-1995 Doctor Course of Graduate School of Waseda University, Tokyo Japan 1995 Dr. Engineering degree (from Waseda University, Tokyo Japan) AWARDS 2002 Nihon University Academic Research Award 2005 Visualization Society of Japan, Best Paper Award 2006 Japanese Society of Multiphase Flow, Academic Research Award 2007 Water Jet Technology Society of Japan, Technical Research Award 2007 Journal of Visualization Award 2009 Visualization Society of Japan, Distinguished Service Award 2010 Japanese Society of Multiphase Flow, Technical Research Award 2010 Best Paper Award at International Symposium on Micro-Nano Mechatronics and Human Science Organized by IEEE(Institute of Electrical and Electronics Engineers) CURRENT RESEARCH TOPICS Flow visualization and flow measurement, Process Computed tomography, Inverse problem, Fluid dynamics of multiphase flow, Image processing, Particle Image Velocimetory(PIV), Micro scale multiphase flow, Microchannel and bio application ACADEMIC SOCIETY POSITION President of International Society for Industrial Process Tomography (ISIPT) (Headquarter UK) President of Association for Engineering Education in Southeast and East Asia and the Pacific (AEESEAP) Board member in charge of International Affairs, Japan Society of Engineering Education(JSEE) Vice Chair Person, Board member of American Society of Mechanical Engineers (ASME) Japan Section Board member of Visualization Society of Japan, Councilor of the Society of Powder Technology, Japan Former Board Member of the Japanese Society for Multiphase Flow Steering Committee Member of Power and Energy System Division, Fluid engineering Division & Kanto Region Section JSME Board Member of Japanese Society Experimental Mechanics Guest Editor of Measurement Science and Technology published by Institute of Physics Guest Editor of Flow Measurement and Instrumentation published by Elsevier Editorial Board Member of Journal of Visualization published by Springer

JSEE Roles to AEESEAP

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Abstract

Japanese government launched a project to promote 300, 000 international students by year 2020 and 450,000 international students by the year 2025. This program awakened and further encourages Japanese universities to develop and enhance better their offered curricula for their international competitiveness by obtaining the excellent international students as well as the stability of management. Among the Asian engineering students to Japan, China, Korea and Taiwan dominated the student number to give an 80% account to the total number. Considering the population of Asian engineering student to Japan, Japanese Society of Engineering Education (JSEE) should take an initiative in Association for Engineering Education in Southeast and East Asia and the Pacific (AEESEAP) in order to provide high quality education service for the Asian engineering students to Japan.