

Profile of Yong Woo LEE, Ph.D., Professor of UOS



Yong Woo LEE has been a professor at the school of Electrical and Computer Engineering (ECE), the University of Seoul, Korea since 1999. He received his Ph.D. degree in Computer Science from the Dept. of Computer Science at the University of Edinburgh, United Kingdom, with the support of the British Foreign Minister Scholarship, the Cray Supercomputer Scholarship, the Outstanding Researcher Supporting Program of the Korean Ministry of Science Technology and the Best Researcher Supporting Program of Korea Institute of Science and Technology. He received his Bachelor of Engineering degree in Electrical Engineering from Seoul National University, Korea in 1981.

Before joining the University of Seoul, he worked as a senior research scientist at Korea Institute of Science and Technology (KIST) and Korea Advanced Institute of Science and Technology (KAIST) which was operated under the Ministry of Science and Technology, Korea, during 1982-1998, where he received the Best Researcher Award twice, that is, in 1988 and 1989 respectively. He worked as a principal researcher at the organization of Korea Education and Research Information Service (KERIS) under the Ministry of Education, Korea, during 1998-1999. He worked as an international engineer at Schlumberger Technical Services Inc. during 1981.

He has been the chairman of the Korean National Standard Committee for International Standard Organization (ISO) JTC1/SC22 since 2008, supported by the Ministry of Knowledge Economy, Korea. He has been leading the world ISO Linux Standard Study Group. He was the chairman of the Academic Activity Board of Directors and the vice president at Korean Society of Internet Information. He was the president of the Institute of Information Technology in the University of Seoul from 2005 to 2007. He has been in charge of Seoul Grid Center as the Chair since 2003. He has been the member of Board of Chairs for Grid computing in Korea since 2002.

He has been the advisory chair of the IARIA Cloud Computing 2015, 2014, 2013, 2012, 2011 and 2010 International Conference. He was also the panelist several times there. He was the chair of the panel committee, a panelist and a member of the program committee at the several IEEE cloud computing and service computing conferences. He also gave many other keynote speeches at many international conferences and served many international conferences as the general chair.

As the president of the Smart City Consortium which includes some major Korean IT companies as industry members and some outstanding Korean Universities in Seoul as academic members and has been supported by Seoul Metropolitan Government of Korea, he has been leading the smart city project with over fifteen million U.S. dollars, since 2005, and received the Korea Best Award, from the "Korea Herald" Newspaper, a famous daily newspaper in Korea in 2007. He was invited to be a

keynote speaker and a panelist for the Smart City conference which was held to construct the EU Smart City Master Plan by the European Union (EU) Parliament at the EU parliament in Brussels, Belgium in May 2013 and for the Taiwan National Smart Territory Development Program in May 2015.

He has been the director in charge of general affairs of Board of Directors at the British Universities Alumni Association in Korea. He has been a life-time member of Board of Directors at the Alumni Association of Seoul National University.

His current research interests include smart city, smart society, smart convergence, smart devices, smart software, smart operating system, cloud/Grid computing, Internet of Things (Everything), ubiquitous computing, very high speed converged communication and Internet.