北京大学信息科学技术学院学术报告

Year 2020: Green and Symbiosis Towards Post Ubiquitous Information System

2011年10月26日（周三）9:30 – 11:50，理科二号楼2736多功能厅

报告摘要：

Present Modern Society is based on ubiquitous information environment, which can be considered as consisting of two computing aspects: Mobile Computing and Pervasive Computing. In this talk, we will introduce advance ubiquitous computing where human and information systems will co-exist in a cooperative manner to the betterment of life and society, and to alleviate the predefined problems. Then, we will propose a new 3rd axis, comprised of human and society in addition to the existing ubiquitous computing. By integrating these three axis, we created the Symbiotic Computing paradigm.

From there, a Symbiotic Information System can be realized. In order to research and develop the Symbiotic Information System, especially, we would like to discuss the following three research topics: 1) Network Management, 2) Green-oriented Network and Its Application, 3) Green Koban:
Green-oriented Network for Saving Power Consumption of Information Systems.
Symbiotic Computing combined with Green-oriented environment will take us to the world we are wishing for, where elderly people to live comfortable life without feeling anxious and insecure.

教授简介：

Norio Shiratori, born in 1946, is currently an Emeritus Professor and Visiting Professor at the RIEC (Research Institute of Electrical Communication), Tohoku University, Japan. He is also a member of the executive board of Future University - Hakodate and a Visiting Professor of Chuo University, Japan.

He is a fellow of the IEEE (Institute of Electrical and Electronic Engineers), the IPSJ (Information Processing Society of Japan) and the IEICE (The Institute of Electronics, Information and Communication Engineers). He was the president of the IPSJ (2009-2011) and the Chair of the IEEE Sendai Section (2010-2011).

He has published more than 15 books and over 400 refereed papers in computer science and related fields. He has received the "IPSJ Memorial Prize Winning Paper Award" in 1985, the "Telecommunication Advancement Foundation Incorporation Award" in 1991, the "Best Paper Award of ICOIN-9" in 1994, the "IPSJ Best Paper Award" in 1997, "IEICE Achievement Award" in 2001, "Outstanding Paper Award of UIC-07" in 2007, "IPSJ Contribution Award" in 2008, "IEICE Contribution Award" in 2011, "Science and Technology Award (Research Division)" by MEXT (Ministry of Education, Culture, Sports, Science and Technology-Japan) in 2009 and many others.

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