

Curriculum Vitae

Jong Tae Park

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(1) Education

- PhD, Computer Science and Engineering, University of Michigan, USA, 1987
- MS, Electronic Engineering, Seoul National University, Korea, 1981
- BS, Electronic Engineering, Kyungpook National University, Korea, 1978

(2) Technical Interest

- IoT (Internet of Things) technology and service
- IoT & healthcare convergence network
- Management and control of wireless and wireline convergence network
- Mobile Internet software, mobility management

(2) Professional Experience

- Director, Center for U-Healthcare Convergence Network, 2008 ~ Present
- Professor, School of Electronics Engineering, Kyungpook National University, 1989 ~ Present
- Chairman, Department of Information and Communication Science, Graduate School, Kyungpook National University, 1999 ~ 2002
- Director, BK21 Information Technology Development Program, Kyungpook National University, 1999 ~ 2001
- Director, Center for Next Generation Information Technology, KNU, 1998 ~ 2002
- Director, Samsung Electronics, Computer System Division, 1988 ~ 1989
- Member of Technical Staff, AT&T Bell Laboratories, New Jersey, USA, 1987 ~ 1988

(3) Academic Membership and Activities

- IEEE Senior Member, 2000 ~ Present
- IEEE, Technical Committee on Information Infrastructure(TCII), Chair, 2000 ~ 2003
- China Communications, Editor, 2005 ~ Present
- Journal of Network and Systems Management (JNSM), Editor, 2000 ~ 2010
- International Journal of Communications and Networks (JCN), Editor, 1999-2002
- KICS, Committee on Korean Network Operation and Management, Advisory Board Member, 2000 ~ Present
- KICS, Committee on Korean Network Operation and Management, Chairman, 1996 ~ 2000

- KITE, Technical Committee on Electronic Switching Systems, Executive Committee Member, 1993 ~ Present
- KISS, Sig Computer Network, Executive Committee Member, 1993 ~ Present
- KISS, Sig Database, Vice Chairman, 1994 ~ 1996
- General Chair, IEEE 1999 International Workshop on Information Infrastructure, Brazil
- General Co-Chair, IEEE ICC 2002 Symposium on Global Service Portability and Infrastructure for Next-Generation Virtual Home/Office Environments, April 28-May 2, NY, USA
- General Co-Chair, IEEE Globecom 2002 Symposium on Service Infrastructure for Virtual Enterprise, Nov. 17 – 21, Taipei, Taiwan

(4) Government and Industry Activities

- Korea Communications Commission, Digital Broadcast Promotion Task Force, Member, 2010 ~ 2014
- Korea Communications Commission, Future Internet Task Force, Member, 2010 ~ 2011
- Korea Science and Engineering Foundation(KOSEF), Executive Consultative Member, Executive Consultative Member, 2000 ~ 2001
- Korean Ministry of Education, Advanced Education Committee, Advisory Board Member, (BK21 Special Area, Consultative and Evaluation Committee Member), 1999 ~ 2002
- Korean Ministry of Information and Communication, ITA, Consultative Member, 1993 ~ Present
- Korea Telecom, Consulting Committee, Member, 1990 ~ 2001

(6) Selected Reviewed Papers (Total over 200 papers and articles)

- Jong-Tae Park, and Seung-Man Chun, "Fast Mobility Management for Delay-Sensitive Applications in Vehicular Networks," IEEE Communications Letters, Vol.15, No.1, pp. 31-33, January 2011.
- Song Wang, and Jong-Tae Park, "Modeling and Analysis of Multi-type Failures in Wireless Body Area Networks with Semi-Markov Model," IEEE Communications Letters, Vol.14, No.1, Jan. 2010.
- Jong Tae Park, Jae Wook Nah, and Wee Hyuk Lee, "Dynamic Path Management with Resilience Constraints under Multiple Link Failures in MPLS/GMPLS Networks", IEEE Trans. On Dependable and Secure Computing, Oct. 2008.
- Moon-Sang Jeong, Yeong-Hun Cho, and Jong-Tae Park, "Hierarchical mobile network binding scheme for route optimization in NEMO", Wireless Personal Communications, No. 43, pp. 975-995, February 2007.
- Y. H. Cho, M. S. Jeong, J. W. Nah, W. H. Lee, and J. T. Park, "A Policy-based Distributed Management Architecture for Large-Scale Enterprise Conferencing Service Using SIP," IEEE Journal on Selected Areas in Communications(JSAC), Vol. 23, No. 10, Oct. 2005.
- M. S. Jeong and J. T. Park, "Hierarchical Mobile Network Routing: Route Optimization and Micro-mobility Support for NEMO," International Journal of Pervasive Computing and Communications, Vol. 1, Issue 1, Mar. 2005.
- Jong T. Park, "Resilience in GMPLS Path Management: Model and Mechanism," IEEE Communications Magazine, Vol.42, No.7, pp.128-135, July 2004.

(7) Tutorials

- IEEE ICC 2006 Management of Ubiquitous Computing and Communication

- APNOMS 2005 Management of Ubiquitous Sensor Network
- APNOMS 1999 Mobile Network Management (IMT-2000 Management)

(8) Invited Talks

- Korea Telecom International Conference, 1996
 - New Technology in Network Management platform
- International Conference on Information Infrastructure, Rio De Janeiro, Brazil, 1999
 - CORBA based Network Management Architecture
- BUPT(Beijing University of Posts and Communications), China, 2002
 - Mobility Management
- Peking University, China, 2002
 - Network Management Research
- APNOMS(Asia-Pacific Symposium on Network Operations and Management), Fukuoka, Japan, 2003
 - Challenges in the Management of the Ubiquitous Computing and Communication
- IEEE NOMS, Seoul, Korea, 2004
 - Management of the Ubiquitous Computing and Communications
- IC-BNMT2007, BUPT, Beijing, China, 2007
 - Keynote Speech, "On the Management of Ubiquitous Multimedia