

The 1st Asia-Pacific Young Researcher Award, 2001

The IEEE ComSoc Asia Pacific board honors the recipients of the 1st IEEE ComSoc APB Young Researcher Awards. Young researchers, who are under 35 years old and active in the APB region as well as the communication field, were assessed in terms of their activity, originality and quality. The IEEE ComSoc APB have selected Dr. Byoung-Hoon Kim as Best Young Researcher and Prof. Wen-Jyi Hwang, Dr. Eiji Oki, Prof. Tomoaki Otsuki, Prof. Shiann-Tsong Sheu as Outstanding Young Researcher.

Naoaki Yamanaka, IEEE ComSoc APB 2001 TAC chair

Best Young Researcher



Byoung-Hoon Kim,

GCT Semiconductor, Inc., Korea

for his contribution to CDMA, synchronization, channel coding, and signal processing for communications.

Byoung-Hoon Kim received the Ph.D. degree in electrical engineering and computer science from Seoul National University, Seoul, Korea, in 2000. Since August 2000, he has been with GCT Semiconductor, Inc. developing W-CDMA and Wireless-LAN chip sets. His current research interests include CDMA, channel coding, communications theory, and signal processing for telecommunications. He is a co-author of *Scrambling Techniques for CDMA Communications* (Kluwer, 2001) and has published scores of papers on CDMA and communications systems. Dr. Kim received the Best Paper Award (on Communications) of Samsung Humantech Paper Contest in 1999, an Excellent Paper Award from Asia Pacific Conference on Communications in 1999, and the Best Paper Award from European Wireless 2000.



Outstanding young researcher



Wen-Jyi Hwang,

Chung Yuan Christian University, Taiwan
for his contribution to Layered Image Transmission and Video/Image coding.

Wen-Jyi Hwang received his diploma in Electronics Engineering from National Taipei Institute of Technology, Taiwan, in 1987, and his M.S. and Ph.D. degrees from the University of Massachusetts, Amherst, in 1990 and 1993, respectively. In 1993, he joined the

faculty at Chung Yuan Christian University, where he is currently a Full Professor of the Department of Electrical Engineering. He is the recipient of the Outstanding Research Professor Award from Chung Yuan Christian University in 2001. His research interests include multimedia communication, image/video coding, and digital signal processing.



Shiann-Tsong Sheu,

TamKang University, Taiwan
for his contribution to Protocol and architecture designs for wireless, optical and ATM networks.

Shiann-Tsong Sheu was born in Taiwan, R.O.C., in 1968. He received the B.S. degree in applied mathematics from National Chung Hsing University, Taiwan, R.O.C., and the Ph.D. degree in computer science from National Tsing Hua University, Taiwan, R.O.C., in 1990 and 1995, respectively. He is currently a professor in the Department of Electrical Engineering at at Tamkang University. His research interests are in the area of wireless/mobile computing and multimedia applications.



Eiji Oki,

NTT Network Innovation Labs., Japan
for his contribution to Broadband network, ATM and Optical IP technology.

Eiji Oki received B.E. and M.E. degrees in instrumentation engineering and a Ph.D. degree in electrical engineering from Keio University, Yokohama, Japan, in 1991, 1993, and 1999, respectively. In 1993, he joined Nippon

Telegraph and Telephone Corporation's (NTT's) Communication Switching Laboratories, Tokyo Japan. He has been researching multimedia-communication network architectures based on ATM techniques, traffic-control methods, and high-speed switching systems in NTT Network Service Systems Laboratories. He was a Visiting Scholar at Polytechnic University, Brooklyn, New York, from 2000 to 2001. He is now engaged in researching and developing high-speed optical IP backbone networks as a Research Engineer with NTT Network Innovation Laboratories. Dr. Oki received the Switching System Research Award and the Excellent Paper Award from the IEICE in 1998 and 1999, respectively. He co-authored a book, "Broadband Packet Switching Technologies," published by John Wiley & Sons, New York, in 2001. He is a member of the IEICE and the IEEE.



Tomoaki Otsuki,

Tokyo University of Science, Japan
for his contribution to Optical CDM/CDMA Systems and Wireless Communication Systems.

Tomoaki Otsuki received the B.E., M.E., and Ph. D. degrees in Electrical Engineering from Keio University, Yokohama, Japan in 1990, 1992, and 1994, respectively. From 1994 to 1995 he was a Post Doctoral Fellow and a Visiting Researcher of Electrical Engineering at Keio University. From 1993 to 1995 he was a Special Researcher of Fellowships of the Japan Society for the Promotion of Science for Japanese Junior Scientists. From 1995 to 1999 he was an Assistant Professor of Tokyo University of Science. From 2000 he has been a lecturer (tenured) of Tokyo University of Science. From 1998 to 1999 he was with the department of electrical engineering and computer sciences, University of California, Berkeley. He is engaged in research on optical communication systems, wireless communication systems, and information theory. Dr. Otsuki is a recipient of the 1997 Inoue Research Award for Young Scientist, the 1997 Hiroshi Ando Memorial Young Engineering Award, and Erricson Young Scientist Award 2000, 2002 Funai Information and Science Award for Young Scientist. He is a senior member of the IEEE and a member of the IEICE Japan and the Society of Information Theory and Its Applications (SITA).