7. KEYNOTES & TALKS (1995 – 2017)

1. "Fast Handoffs in Multimedia Wireless LANs", Queen's Mary College, University of London (1995)

2. "Wireless ATM Network Architectures & Protocols", Hughes Research Laboratories, USA (1996)

3. "An Integrated & Unifying Wireless ATM Network Architecture", IBM T. J. Watson Lab, USA (1996)

4. "Crossover Switch Discovery Schemes for Wireless ATM Networks", NEC Research Lab, USA (1996)

5. "Handoff & Crossover Switch Discovery Protocols for Wireless ATM Networks", Bell Labs, USA (1996)

6. "Handoff & Crossover Switch Discovery Protocols for Wireless ATM Networks", Bell Labs, USA (1996)

7. "Associativity-Based Routing for IP-based Ad Hoc Mobile Wireless Networks", UCLA, USA (1997)

8. "Associativity-Based Routing for IP-based Ad Hoc Mobile Wireless Networks", University of Illinois, USA (1997)

9. "Wireless ATM Network Architectures & Protocols", School of ECE, Purdue University, USA (1998)

10. "Wireless ATM Network Architectures & Protocols", School of EECS, University of Cincinnati, USA (1998)

11. "Deployable & Adaptive Mobile IP-based Ad Hoc Networks", National University of Singapore (1998)

12. Long-lived Routing for Multihop Mobile Wireless Networks", University of Hong Kong (1998)

13. "Wireless Ad Hoc Mobile Networking", Academia Sinica Summer Workshop, Taiwan (1999)

14. "Experiences in Implementing an Ad Hoc Wireless Networking Testbed", SUN Laboratories, USA (1999)

15. "Ad Hoc Wireless Networking for BlueTooth", IBM T J Watson Lab, USA (1999)

16. "Proximity-based Networking", NEC C&C Research Lab, Germany (1999)

17. "Towards Collaborative Wireless Computing using Adaptive Protocols", Imperial College London, UK (1999)

18. "Wireless Networking Without Base Stations", King's College, University of London, UK (1999)

19. "ANYTIME & ANYWHERE Communications & Networking", University of Cyprus, Cyprus (1999)

20. "Applying Control to QoS Adaptation in Wireless Broadband Networks", NEC Research Labs, USA (1999)

21. "Ad Hoc Wireless Networking & Wireless ATM", Motorola Research Labs, USA (2000)

22. "TCP-BuS: TCP Performance in Mobile Ad Hoc Networks", Arizona State University, USA (2000)

23. "On-Demand Associativity-Based Multicast for Ad Hoc Mobile Networks", Imperial College London, UK (2000)

24. "On-Demand Associativity-Based Multicast for Ad Hoc Mobile Networks", McMaster University, Canada (2000)

25 "Mobile Ad Hoc Multicast Routing",   TRW Corporation, CA, USA (2000)

26 "Power Issues for Mobile Ad Hoc Networks",   Swiss Federal Institute of Technology, (2000)

27 "Improving TCP Performance over Mobile Ad Hoc Networks",   Swiss Federal Institute of Technology, (2000)

28 "Research Advances in Ad Hoc Wireless Networking",   INRIA Nancy, France (2000)

29 "Research Highlights in Ad Hoc Wireless Networks",   Mid-Sweden University, Sweden (2000)

30 "Future of Broadband Wireless & Wireless ATM Technology",   Mid-Sweden University, Sweden (2000)

31 "Routing Protocol Implementation on an Ad Hoc Wireless Network",   Lulea University, Sweden (2000)

32 "Ad Hoc Wireless Networking: Insights and Experiences",   Royal Institute of Technology, Sweden (2000)

33 "TCP issues over Wireless Ad Hoc Networks",   Politecnico di Torino, Italy (2000)

34 "Research Advances in Mobile Ad Hoc Networks",   National Institute of Science & Technology, USA (2001)

35 "Research Advances in Mobile Ad Hoc Networks",   Telcordia Technologies, USA (2001)

36 "Research Advances in Mobile Infrastructureless Networks",   University of British Columbia, Canada (2001)

37. "Research Advances in Mobile Ad Hoc Networks:",   University of California Davis, USA (2001)

38. "Research Advances in Mobile Ad Hoc Networks",   University of Hawaii, USA (2001)

39. Keynote Speech: "Mobile Computing Systems Research:"   Swiss Federal Institute of Technology (2001)

40. Keynote Speech: "Challenges of Multicasting in IP-based Mobile Networks"   NSF Workshop, USA (2001)

41. Opening Address: "IEEE Symposium on Ad Hoc Wireless Networks (SAWN)"   San Antonio, Texas (2001)

42. Invited Panel on WiFi & UWB, Federal Communications Commission,   Washington DC, (2002)

43. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   SNU, Korea (2002)

44. IEEE Expert Lecture: "Research Challenges for Ad Hoc Mobile Networks",   University of Oslo, Norway, (2002)

45. IEEE Expert Lecture: "Research Challenges for Ad Hoc Mobile Networks",   University of Uppsala, (2002)

46. IEEE Expert Lecture: "Research Challenges for Ad Hoc Mobile Networks",   University of Oulu, Finland (2002)

47. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   NTHU, Taiwan (2002)

48. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   Yonsei University, Korea, (2003)

49. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   ITRC Forum, Korea, (2003)

50. Keynote Speech: "Research Challenges for Ad Hoc Mobile Networks",   IEEE IPCCC, Arizona, USA (2003)

51. Keynote Speech: "Research Challenges for 4th Generation Mobile Networks",   Samsung, Korea, (2003)

52 Keynote Speech: "Dynamic Tactical Network Planning – Battlefield",   QUALNET, Boston, USA (2003)

53. Keynote Speech: "Research Challenges for Usable & Deployable Mobile Networks",   Keio, Japan (2004)

54. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   University of Hong Kong, (2004)

55. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   Niigata University, Japan (2004)

56. "Future Research Challenges for Ad Hoc Mobile Wireless Networks",   TELEFUNKEN GmB, Germany (2004)

57. "Future Research Challenges for Ad Hoc Mobile Networks",   NTTDoCoMo Europe Labs, Germany (2004)

58. "Mathematics of Mobile Networks",   EPSRC NETCA Network Workshop, London (2005)

59. "Future Research Challenges for Mobile Ad Hoc Networks",   Fudan University, Shanghai (2005)

60. "Future Research Ideas – Beyond Ad Hoc Networks",   Kyoto University, Japan (2005)

61. "Research Challenges in Intelligent Transportation Systems (ITS) Networks",   ETRI, Korea (2006)

62. "Research Challenges in Intelligent Transportation Systems Networks",   Busan University, Korea, (2007)

63. Keynote Speech: "Technologies for Vehicular Networks",   Seoul, Korea, (2007)

64. Keynote Speech: "Research, Standards & New Applications for ITS",   IEEE TENCON, Taipei (2007)

65. "ITS Standards, Research, & New Applications",   YALE University, USA (2007)

66. "Perspectives of Good Quality, High Impact, and World Class Research",   NTU, Singapore (2007)

67. "Perspectives of Good Quality, High Impact, and World Class Research",   POSTECH, Korea (2007)

68. Keynote Speech: "Research Challenges in ITS Networks",   IFIP Networking Conference, Singapore (2008)

69. "Addressing & Auto-Configuration in MANETs",   NTU, Singapore (2008)

70. "Vehicular Ad Hoc Networks: Routing Challenges",   National Taiwan University, Taiwan (2008)

71. "Research Challenges for Vehicular Networks",   Mitsubishi Research Labs, USA (2008)

72.. "Perspectives of Good Quality, High Impact, and World Class Research",   NCKU, Taiwan (2009)

73. "Perspectives of Good Quality, High Impact, and World Class Research",   NCU, Taiwan (2009)

74. Keynote Speech: "Research Challenges for ITS Networks",   IEEE WAVE Conf. Shanghai (2009)

75. "Sharing Perspectives on Wireless Networking Research",   NCKU, Taiwan (2010)

76. "Perspectives of Good Quality, High Impact and World Class Research",   University of Macau, (2010)

77. "Perspectives of Good Quality, High Impact and World Class Research",   St. John's University, Taiwan, (2010)

78. "The Controversy of Selfish Nodes in Ad Hoc Wireless Networks",   NTHU, Taiwan (2011)

79. "The Route to A Noble Academic Society",   NTHU, Taiwan (2012)

80. "The Silicon Valley – Technology Innovations & Current Startups",   NTHU, Taiwan (2012)

81. Keynote Speech – "Wireless, Mobile, Networks, & Beyond",   Europe Wireless Days, Spain (2013)

82. Keynote Speech – "5G and Beyond"   Next Gen Mobile Networks Forum (2015)

83. Keynote Speech – "Smart Nation Vision"   HP Alumni Seminar, Singapore (2015)

84. Keynote Speech – "Singapore's Smart Nation"   HUAWEI Mobile Broadband (2015)

85. Keynote Speech – "From Data Science to Smart Nation"   PACIS Conference, Singapore (2015)

86. Keynote Speech – "Green Data Center in Singapore"   The Green Grid (TGG) Singapore (2015)

87. Opening Address – "Green ICT for A Smart Nation"   BCA Green Building Conference (2015)

7.1 Invited Panel Speaker

1. Panel Chairman, Panel – "Innovation & Ubiquity",   Smart Nation Data Works (2015)

2. Panel Member – "IoT and the Smart Nation",   COMMUNICASIA (2015)

3. Panel Chairman, Panel – "Future of Vehicular Wireless Networks",   IEEE ICC (2008)

4. Panel Member – "Ubiquitous Computing",   ICMU Conference (2005)

5. Panel Speaker – "The Evolution of Ad Hoc Mobile Networks",   IEEE PIMRC (2005)

6. Panel Member – "The Future of Ad Hoc Networking",   IEEE MILCOM (2002)

7. Panel Member – "Spectrum Efficiency", Federal Coms Commission   FCC, Washington (2002)

8. Panel Member – "The Future of Wireless",   IEEE LANMAN, (2001)

9. Panel Member on "Integration of Wireless & Wired Networks",   IEEE MOBICOM Conference (1997)

7.2 TV & Radio News Interviews

1. "Data Centers Set to Grow in Singapore",   Channel News TV Asia   (2015)
http://www.channelnewsasia.com/news/business/singapore/data-centres-set-to-grow/1880872.html

2. "Singapore's Smart Nation – Creating A Smarter Country",   Malaysia Business Radio BFM (2015)
http://www.bfm.my/aotm-ida-150303.html