

# Resume of Prof. You-Chiun Wang



## 1 PERSONAL DATA



**Degree:** Ph.D.  
**Position:** Full Professor  
**Affiliation:** National Sun Yat-sen University  
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## 2 AUTOBIOGRAPHY

You-Chiun Wang received the B.S. degree in computer science from National Chung Cheng University, Taiwan in 2001, and the M.S. and Ph.D. degrees in computer science from National Chiao Tung University, Taiwan in 2003 and 2006, respectively. From 2007 to 2011, he was a Postdoctoral Research Fellow with the Department of Computer Science, National Chiao Tung University. He joined the Department of Computer Science and Engineering, National Sun Yat-sen University, Taiwan, in 2011, was promoted to a full professor in 2019, and serves as the department chair since 2022. His research interests include wireless and mobile networks, Internet of Things, and network softwarization. Dr. Wang has published more than 110 papers and book chapters. According to the Google Scholar, his publications have received more than 3,490 citations. His h-index and i10-index are 30 and 58, respectively.

Dr. Wang served as a guest editor of The Computer Journal. Moreover, he served as a poster chair of APNOMS 2021, a TPC chair of APNOMS 2022, a vice chair of APNOMS 2023, a vice chair of IEEE/IFIP NOMS 2024, and a TPC member of over 260 computer and communication conferences such as IEEE INFOCOM, ICDCS, and WCNC. He is an IEEE senior member and a member of ACM, IET, and IEICE. He has been selected as one of the World's Top 2% Scientists by Stanford University.

## 3 EDUCATION

- ◇ **Ph.D. Degree in Computer Science:**  
Department of Computer Science, National Chiao Tung University, Hsinchu, Taiwan, 2003–2006.
- ◇ **Master of Engineering:**  
Department of Computer Science and Information Engineering, National Chiao Tung University, Hsinchu, Taiwan, 2001–2003.
- ◇ **Bachelor of Engineering:**  
Department of Computer Science and Information Engineering, National Chung Cheng University, Chiayi, Taiwan, 1997–2001.

## 4 CURRENT POSITIONS

- ◇ **Full Professor:**  
Department of Computer Science and Engineering, National Sun Yat-sen University, Taiwan, since 2019.
- ◇ **Chair:** Department of Computer Science and Engineering, National Sun Yat-sen University, Taiwan, since Aug. 2019
- ◇ **Deputy Director:**  
Information Security Research Center, National Sun Yat-sen University, since Aug. 2021.

## 5 PROFESSIONAL EXPERIENCE

- ◇ **Deputy Director:**  
Office of Library and Information Services, National Sun Yat-sen University, Taiwan, Aug. 2019–Jul. 2022.
- ◇ **Division Chief:**  
Information Systems Division, Office of Library and Information Services, National Sun Yat-sen University, Taiwan, Aug. 2016–Feb. 2018.
- ◇ **Distinguished Junior Research Scholar:**  
National Sun Yat-sen University, Taiwan, Aug. 2016–Jul. 2017.
- ◇ **Association Professor:**  
Department of Computer Science and Engineering, National Sun Yat-sen University, Taiwan, Aug. 2015–Jan. 2019.
- ◇ **Section Chief:**  
Wireless Broadband Communication Protocol Cross-Campus Research Center, National Sun Yat-sen University, Taiwan, Dec. 2013–Jul. 2014.
- ◇ **Assistant Professor:**  
Department of Computer Science and Engineering, National Sun Yat-sen University, Taiwan, Aug. 2011–Jul. 2015.
- ◇ **Visiting Scholar:**  
Department of Computer and Information Sciences, University of Delaware, USA, Aug. 2009–Feb. 2010.
- ◇ **Postdoctoral Research Fellow:**  
Department of Computer Science, National Chiao Tung University, Taiwan, Jan. 2007–Jul. 2011.

## 6 ACADEMIC MEMBERSHIP

- ◇ IEEE Senior Member: Communications Society, Computer Society, Vehicular Technology Society, Sensors Council, Systems Council.
- ◇ ACM Member: SIGCOMM, SIGMOBILE.
- ◇ IEICE Member.
- ◇ IET Member (MIET).
- ◇ Member of The Phi Tau Phi Scholastic Honor Society, Taiwan.

## 7 RESEARCH INTERESTS

My research areas aim at developing and evaluating wireless communication protocols and distributed network algorithms. The current research interests include, but limited to

- ◇ *Wireless and Mobile Networks:* 5G/6G systems, resource scheduling, interference management, HetNet, D2D communications.

- ◇ *Internet of Things*: Systems and applications, data processing, wireless sensor network, mobility management, protocol design.
- ◇ *Network Softwarization*: Software-defined networking, network function virtualization, P4, flow management, network security.

## 8 HONORS

- ◇ World's Top 2% Scientists 2021 (by Stanford University and Elsevier), 2021.
- ◇ Distinguished Junior Research Scholar, National Sun Yat-sen University, Kaohsiung, Taiwan, 2016.
- ◇ Elevation to the grade of IEEE Senior Member, 2013.
- ◇ Demonstration in Keynote Speech, "The iMouse System (intelligent mobile surveillance system by wireless sensor networks)," invited by Intel Development Forum, Taiwan, 2005.
- ◇ Receipt of the Phi Tau Phi Scholastic Honor, 2001.

## 9 AWARDS

- ◇ Excellent Reviewer, *IEEE Transactions on Network Science and Engineering*, 2023.
- ◇ Best Paper Award, "Adaptive countermeasure by credibility to defend SDN controllers against BlackNurse-SC attacks," in the Track of Network and IT, *IEEE International Conference on Communication, Networks, and Satellite (ComNetSat)*, 2023.
- ◇ Best Presentation Award, "Adaptive token circulation to avoid malicious UEs hoarding tokens and assure D2D relay efficiency," in the Session of Embedded Systems, Green and Wireless Computing, *IEEE Annual Computing and Communication Workshop and Conference (CCWC)*, 2023.
- ◇ Best Presentation Award, "Credibility-based countermeasure against slow HTTP DoS attacks by using SDN," in the Session of Robotics and Human Computer Interactions, *IEEE Annual Computing and Communication Workshop and Conference (CCWC)*, 2021.
- ◇ Best Paper Award, "Credibility-based countermeasure against slow HTTP DoS attacks by using SDN," *IEEE Annual Computing and Communication Workshop and Conference (CCWC)*, 2021.
- ◇ First Prize Paper Award, "An automatic and adaptive light control system by integrating wireless sensors and brain-computer interface," *IEEE International Conference on Applied System Innovation (ICASI)*, 2017.
- ◇ Best Workshop Paper Award, "A two-phase heuristic for base station placement in Long Term Evolution (LTE) networks with cell heterogeneity," *ACM International Conference on Advances in Mobile Computing and Multimedia (MoMM)*, 2014.
- ◇ IEEE Tainan Section Best GOLD Member Award, 2012.
- ◇ Y. Z. Hsu Scientific Paper Award, "Efficient placement and dispatch of sensors in a wireless sensor network," by Far Eastern Y. Z. Hsu Science and Technology Memorial Foundation, 2009.

## 10 RESEARCH PROJECTS AND GRANTS

- ◇ Project PI, "The Study of Using Token Rewards to Promote D2D Relays in Mobile Networks: Token Transactions with Economic Considerations and Solving The Token Hoarding Problem through Token Circulation," MOST 111-2221-E-110-023-MY2, National Science and Technology Council, Taiwan, 2022–2024.
- ◇ Project PI, "The Study of Using SDN Technique to Improve Performance of Data Center Networks: Load-balancing Control, Price-aware Flow Management, and DDoS Defense," MOST 108-2221-E-110-016-MY3, Ministry of Science and Technology, Taiwan, 2019–2022.
- ◇ Project PI, "Adaptive Configuration and ABS Allocation for the eICIC Technique in LTE-A Heterogeneous Networks", MOST 106-2221-E-110-022-MY2, Ministry of Science and Technology, Taiwan, 2017–2019.

- ◇ Project PI, “The Study of Low-cost and Efficient Network Construction and Resource Scheduling in LTE-A”, MOST 104-2628-E-110-001-MY2, Ministry of Science and Technology, Taiwan, 2015–2017.
- ◇ Project PI, “Adaptive In-network Data Processing for Vehicular Networks to Improve QoS”, MOST 104-2221-E-110-036-MY2, Ministry of Science and Technology, Taiwan, 2015–2017.
- ◇ Project PI, “Generation and Control Mechanisms of The Traffic Flows in VANETs: Using Data Aggregation and Network Coding”, MOST103-2221-E-110-011, Ministry of Science and Technology, Taiwan, 2014–2015.
- ◇ Project Co-PI, “Development of Intuitive Secure Electronic Medical Records”, NSYSU-KMU Joint Project, 2013.
- ◇ Project PI, “Efficient Network Deployment and Sensor Dispatch Schemes for Wireless Mobile Sensor Networks”, NSC100-2218-E-110-006-MY3, National Science Council, Taiwan, 2011–2014.

## 11 PUBLICATION LIST

### Journal Papers

- 1) You-Chiun Wang and Che-Yi Chen, “Efficient path planning for UAVs to recognize chimneys with excessive exhaust emissions,” *IEEE Internet of Things Journal*, accepted, 2024.
- 2) Ya-Ju Yu, You-Chiun Wang, and Chia-Hsin Fan, “Control period adaptation and resource allocation for joint uplink and downlink in NB-IoT networks,” *IEEE Internet of Things Journal*, vol. 11, no. 9, pp. 16746–16757, May 2024.
- 3) You-Chiun Wang and Pin-Yu Su, “Collaborative defense against hybrid network attacks by SDN controllers and P4 switches,” *IEEE Transactions on Network Science and Engineering*, vol. 11, no. 2, pp. 1480–1495, Mar./Apr. 2024.
- 4) You-Chiun Wang and Chia-Wei Chou, “Efficient coordination of radio frames to mitigate cross-link interference in 5G D-TDD systems,” *Computer Networks*, vol. 232, pp. 1–13, Aug. 2023.
- 5) Wei-Kuang Lai, You-Chiun Wang, and Syu-Chen Wei, “Delay-aware container scheduling in Kubernetes,” *IEEE Internet of Things Journal*, vol. 10, no. 13, pp. 11813–11824, Jul. 2023.
- 6) You-Chiun Wang and Yi-No Yao, “Design and implementation of a simulator to emulate elder behavior in a nursing home,” *IEICE Transactions on Information and Systems*, vol. E106-D, no.6, pp. 1155–1164, Jun. 2023.
- 7) You-Chiun Wang and Li-En Tai, “Economy aware token-based incentive strategy to promote device-to-device (D2D) relay use in mobile networks,” *IEICE Transactions on Communications*, vol. E105-B, no.12, pp.1569–1579, Dec. 2022.
- 8) You-Chiun Wang and Yu-Cheng Bai, “Efficient schedule of path and charge for a mobile charger to improve survivability and throughput of sensors with adaptive sensing rates,” *IEICE Transactions on Communications*, vol. E105-B, no.11, pp.1380–1389, Nov. 2022.
- 9) Wei-Kuang Lai, You-Chiun Wang, and Hao-Bo Lei, “Joint resource and power management for D2D communication across multiple service providers,” *IEEE Systems Journal*, vol. 16, no. 3, pp. 3488–3499, Sept. 2022.
- 10) Wei-Kuang Lai, You-Chiun Wang, Yi-Chien Chen, and Zong-Ting Tsai, “TSSM: time-sharing switch migration to balance loads of distributed SDN controllers,” *IEEE Transactions on Network and Service Management*, vol. 19, no. 2, pp. 1585–1597, Jun. 2022.
- 11) You-Chiun Wang and Fu-Chun Chang, “Efficient token circulation strategies against misers in device-to-device relay using token-based incentive mechanisms,” *IET Communications*, vol. 16, no. 6, pp. 710–724, Apr. 2022.

- 12) Wei-Kuang Lai, You-Chiun Wang, and Sih-Yu Lin, “Efficient scheduling, caching, and merging of notifications to save message costs in IoT networks using CoAP,” *IEEE Internet of Things Journal*, vol. 8, no. 2, pp. 1016–1029, Jan. 2021.
- 13) You-Chiun Wang and Yi-Chuan Wang, “Efficient and low-cost defense against distributed denial-of-service attacks in SDN-based networks,” *International Journal of Communication Systems*, vol. 33, no. 14, pp. 1–24, Sept. 2020.
- 14) You-Chiun Wang and Shih-Wei Yeh, “E-DSR: energy-efficient routing for sensors with diverse sensing rates,” *International Journal of Ad Hoc and Ubiquitous Computing*, vol. 34, no. 4, pp. 233–248, Jul. 2020.
- 15) Wei-Kuang Lai, You-Chiun Wang, He-Cian Lin, and Jian-Wen Li, “Efficient resource allocation and power control for LTE-A D2D communication with pure D2D model,” *IEEE Transactions on Vehicular Technology*, vol. 69, no. 3, pp. 3202–3216, Mar. 2020.
- 16) You-Chiun Wang and Bo-Jyun Huang, “Efficient coordination of almost blank subframes with coupling macro cells in heterogeneous networks,” *International Journal of Communication Systems*, vol. 33, no. 4, pp. 1–19, Mar. 2020.
- 17) You-Chiun Wang and Kuan-Chung Chen, “Efficient path planning for a mobile sink to reliably gather data from sensors with diverse sensing rates and limited buffers,” *IEEE Transactions on Mobile Computing*, vol. 18, no. 7, pp. 1527–1540, Jul. 2019.
- 18) You-Chiun Wang and Han Hu, “An adaptive broadcast and multicast traffic cutting framework to improve Ethernet efficiency by SDN,” *Journal of Information Science and Engineering*, vol. 35, no. 2, pp. 375–392, Mar. 2019.
- 19) You-Chiun Wang and Chien-Chun Huang, “Efficient management of interference and power by jointly configuring ABS and DRX in LTE-A HetNets,” *Computer Networks*, vol. 150, pp. 15–27, Feb. 2019.
- 20) You-Chiun Wang and Siang-Yu You, “An efficient route management framework for load balance and overhead reduction in SDN-based data center networks,” *IEEE Transactions on Network and Service Management*, vol. 15, no. 4, pp. 1422–1434, Dec. 2018.
- 21) You-Chiun Wang and Jiun-Wen Huang, “Efficient dispatch of mobile sensors in a WSN with wireless chargers,” *Pervasive and Mobile Computing*, vol. 51, pp. 104–120, Dec. 2018.
- 22) You-Chiun Wang and Kai-Chung Chien, “EPS: energy-efficient pricing and resource scheduling in LTE-A heterogeneous networks,” *IEEE Transactions on Vehicular Technology*, vol. 67, no. 9, pp. 8832–8845, Sept. 2018.
- 23) You-Chiun Wang and Shih Lee, “Small-cell planning in LTE HetNet to improve energy efficiency,” *International Journal of Communication Systems*, vol. 31, no. 5, pp. 1–18, Mar. 2018.
- 24) You-Chiun Wang and Shu-Ju Liu, “Minimum-cost deployment of adjustable readers to provide complete coverage of tags in RFID systems,” *Journal of Systems and Software*, vol. 134, pp. 228–241, Dec. 2017.
- 25) You-Chiun Wang and Shih-Ting Chen, “Delay-aware ABS adjustment to support QoS for real-time traffic in LTE-A HetNet,” *IEEE Wireless Communications Letters*, vol. 6, no. 5, pp. 590–593, Oct. 2017.
- 26) You-Chiun Wang and Dai-Rong Jhong, “Efficient allocation of LTE downlink spectral resource to improve fairness and throughput,” *International Journal of Communication Systems*, vol. 30, no. 14, pp. 1–13, Sept. 2017.
- 27) You-Chiun Wang and Guan-Wei Chen, “Efficient data gathering and estimation for metropolitan air quality monitoring by using vehicular sensor networks,” *IEEE Transactions on Vehicular Technology*, vol. 66, no. 8, pp. 7234–7248, Aug. 2017.
- 28) You-Chiun Wang and Tzung-Yu Tsai, “A pricing-aware resource scheduling framework for LTE networks,” *IEEE/ACM Transactions on Networking*, vol. 25, no. 3, pp. 1445–1458, Jun. 2017.
- 29) You-Chiun Wang and Hung-Yi Ko, “Energy-efficient downlink resource scheduling for LTE-A

- networks with carrier aggregation,” *Journal of Information Science and Engineering*, vol. 33, no. 1, pp. 123–141, Jan. 2017.
- 30) You-Chiun Wang and Chang-Chen Yang, “3S-cart: a lightweight, interactive sensor-based cart for smart shopping in supermarkets,” *IEEE Sensors Journal*, vol. 16, no. 17, pp. 6774–6781, Sept. 2016.
  - 31) You-Chiun Wang and Chia-Ting Wei, “Lightweight, latency-aware routing for data compression in wireless sensor networks with heterogeneous traffics,” *Wireless Communications and Mobile Computing*, vol. 16, no. 9, pp. 1035–1049, Jun. 2016.
  - 32) You-Chiun Wang and Song-Yun Hsieh, “Service-differentiated downlink flow scheduling to support QoS in Long Term Evolution,” *Computer Networks*, vol. 94, pp. 344–359, Jan. 2016.
  - 33) You-Chiun Wang and Shin-En Hsu, “Deploying R&D sensors to monitor heterogeneous objects and accomplish temporal coverage,” *Pervasive and Mobile Computing*, vol. 21, pp. 30–46, Aug. 2015.
  - 34) You-Chiun Wang, “Profit-based exclusive-or coding algorithm for data retransmission in DVB-H with a recovery network,” *International Journal of Communication Systems*, vol. 28, no. 9, pp. 1580–1597, Jun. 2015.
  - 35) You-Chiun Wang and Chien-An Chuang, “Efficient eNB deployment strategy for heterogeneous cells in 4G LTE systems,” *Computer Networks*, vol. 79, pp. 297–312, Mar. 2015.
  - 36) You-Chiun Wang, “Mobile sensor networks: system hardware and dispatch software,” *ACM Computing Surveys*, vol. 47, no. 1, pp. 12:1–12:36, Jul. 2014.
  - 37) You-Chiun Wang, “A two-phase dispatch heuristic to schedule the movement of multi-attribute mobile sensors in a hybrid wireless sensor network,” *IEEE Transactions on Mobile Computing*, vol. 13, no. 4, pp. 709–722, Apr. 2014.
  - 38) Wen-Hsin Yang, You-Chiun Wang, Yu-Chee Tseng, and Bao-Shuh P. Lin, “A request control scheme for data recovery in DVB-IPDC systems with spatial and temporal packet loss,” *Wireless Communications and Mobile Computing*, vol. 13, no. 10, pp. 935–950, Jul. 2013.
  - 39) You-Chiun Wang, Che-Hsi Chuang, Yu-Chee Tseng, and Chien-Chung Shen, “A lightweight, self-adaptive lock gate designation scheme for data collection in long-thin wireless sensor networks,” *Wireless Communications and Mobile Computing*, vol. 13, no. 1, pp. 47–62, Jan. 2013.
  - 40) You-Chiun Wang, Yung-Fu Chen, and Yu-Chee Tseng, “Using rotatable and directional (R&D) sensors to achieve temporal coverage of objects and its surveillance application,” *IEEE Transactions on Mobile Computing*, vol. 11, no. 8, pp. 1358–1371, Aug. 2012.
  - 41) Wen-Hsin Yang, You-Chiun Wang, and Yu-Chee Tseng, “Efficient packet recovery using prioritized network coding in DVB-IPDC systems”, *IEEE Communications Letters*, vol. 16, no. 3, pp. 382–385, Mar. 2012.
  - 42) You-Chiun Wang, Fang-Jing Wu, and Yu-Chee Tseng, “Mobility management algorithms and applications for mobile sensor networks,” *Wireless Communication and Mobile Computing*, vol. 12, no. 1, pp. 7–21, Jan. 2012.
  - 43) Shu-Chiung Hu, You-Chiun Wang, Chiuan-Yu Huang, and Yu-Chee Tseng, “Measuring air quality in city areas by vehicular wireless sensor networks,” *Journal of Systems and Software*, vol. 84, no. 11, pp. 2005–2012, Nov. 2011.
  - 44) Jia-Ming Liang, You-Chiun Wang, Jen-Jee Chen, Jui-Hsiang Liu, and Yu-Chee Tseng, “Energy-efficient uplink resource allocation for IEEE 802.16j transparent-relay networks,” *Computer Networks*, vol. 55, no. 16, pp. 3705–3720, Nov. 2011.
  - 45) Jia-Ming Liang, Jen-Jee Chen, You-Chiun Wang, and Yu-Chee Tseng “A cross-layer framework for overhead reduction, traffic scheduling, and burst allocation in IEEE 802.16 OFDMA networks,” *IEEE Transactions on Vehicular Technology*, vol. 60, no. 4, pp. 1740–1755, May 2011.
  - 46) You-Chiun Wang, Wen-Chih Peng, and Yu-Chee Tseng, “Energy-balanced dispatch of mobile sensors in a hybrid wireless sensor network,” *IEEE Transactions on Parallel and Distributed*

- Systems*, vol. 21, no. 12, pp. 1836–1850, Dec. 2010.
- 47) Wen-Hsin Yang, You-Chiun Wang, Yu-Chee Tseng, and Bao-Shuh P. Lin, “Energy-efficient network selection with mobility pattern awareness in an integrated WiMAX and WiFi network,” *International Journal of Communication Systems*, vol. 23, no. 2, pp. 213–230, Feb. 2010.
  - 48) You-Chiun Wang, Yao-Yu Hsieh, and Yu-Chee Tseng, “Multiresolution spatial and temporal coding in a wireless sensor network for long-term monitoring applications,” *IEEE Transactions on Computers*, vol. 58, no. 6, pp.827–838, Jun. 2009.
  - 49) Lun-Wu Yeh, You-Chiun Wang, and Yu-Chee Tseng, “iPower: an energy conservation system for intelligent buildings by wireless sensor networks,” *International Journal of Sensor Networks*, vol. 5, no. 1, pp. 1–10, Feb. 2009.
  - 50) Lien-Wu Chen, Yu-Chee Tseng, You-Chiun Wang, Da-Wei Wang, and Jan-Jan Wu, “Exploiting spectral reuse in routing, resource allocation, and scheduling for IEEE 802.16 mesh networks,” *IEEE Transactions on Vehicular Technology*, vol. 58, no. 1, pp. 301–313, Jan. 2009.
  - 51) You-Chiun Wang and Yu-Chee Tseng, “Distributed deployment schemes for mobile wireless sensor networks to ensure multilevel coverage,” *IEEE Transactions on Parallel and Distributed Systems*, vol. 19, no. 9, pp. 1280–1294, Sept. 2008.
  - 52) You-Chiun Wang, Chun-Chi Hu, and Yu-Chee Tseng, “Efficient placement and dispatch of sensors in a wireless sensor network,” *IEEE Transactions on Mobile Computing*, vol. 7, no. 2, pp. 262–274, Feb. 2008.
  - 53) You-Chiun Wang, Kai-Yang Cheng, and Yu-Chee Tseng, “Using event detection latency to evaluate the coverage of a wireless sensor network,” *Computer Communications*, vol. 30, no. 14–15, pp. 2699–2707, Oct. 2007.
  - 54) Yu-Chee Tseng, You-Chiun Wang, Kai-Yang Cheng, and Yao-Yu Hsieh, “iMouse: an integrated mobile surveillance and wireless sensor system,” *IEEE Computer*, vol. 40, no. 6, pp. 60–66, Jun. 2007.
  - 55) You-Chiun Wang, Yu-Chee Tseng, and Wen-Tsuen Chen, “MR-FQ: a fair scheduling algorithm for wireless networks with variable transmission rates,” *Simulation*, vol. 81, no. 8, pp. 587–608, Aug. 2005.
  - 56) You-Chiun Wang, Shiang-Rung Ye, and Yu-Chee Tseng, “A fair scheduling algorithm with traffic classification in wireless networks,” *Computer Communications*, vol. 28, no. 10, pp. 1225–1239, Jun. 2005.
  - 57) Shiang-Rung Ye, You-Chiun Wang, and Yu-Chee Tseng, “A jamming-based MAC protocol to improve the performance of wireless multihop ad hoc networks,” *Wireless Communications and Mobile Computing*, vol. 4, no.1, pp. 75–84, Feb. 2004.

## Conference Papers

- 1) You-Chiun Wang and Jhong-Ting Liang, “POFM: profit-oriented flow management in SDN-based data center networks,” *IEEE International Conference on Industry 4.0, Artificial Intelligence, and Communications Technology (IAICT)*, 2024, accepted.
- 2) You-Chiun Wang and Jun-Fu Zhang, “ERA: efficient request assignment for servers in data center networks with SDN,” *IEEE International Conference on Smart Communities: Improving Quality of Life Using AI, Robotics and IoT (HONET)*, 2023, pp. 24–29.
- 3) You-Chiun Wang and Pin-Yuan Wang, “Adaptive countermeasure by credibility to defend SDN controllers against BlackNurse-SC attacks,” *IEEE International Conference on Communication, Networks, and Satellite (ComNetSat)*, 2023, pp. 603–608.
- 4) You-Chiun Wang and Cheng-En Ho, “Speed-aware flow management with packet classification to mitigate congestion in VANETs,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2023, pp. 1–5.

- 5) You-Chiun Wang and Kingjade Yu, “Adaptive token circulation to avoid malicious UEs hoarding tokens and assure D2D relay efficiency,” *IEEE Annual Computing and Communication Workshop and Conference (CCWC)*, 2023, pp. 306–312.
- 6) You-Chiun Wang and Shang-Hao Wu, “Efficient deployment of virtual network functions to achieve load balance in cloud networks,” *Asia-Pacific Network Operations and Management Symposium (APNOMS)*, 2022, pp. 1–6.
- 7) You-Chiun Wang and Ting-Jui Hsiao, “URBM: user-rank-based management of flows in data center networks through SDN,” *IEEE International Conference on Computer Communication and the Internet (ICCCI)*, 2022, pp. 142–149.
- 8) You-Chiun Wang and Ching-Ting Chu, “Efficient resource scheduling and dispatch of mobile cell sites to improve 5G performance,” *IEEE Vehicular Technology Conference (VTC-Spring)*, 2022, pp. 1–5.
- 9) You-Chiun Wang and Li-Chia Yen, “Collaborative route management to mitigate congestion in multi-domain networks using SDN,” *IEEE Annual Computing and Communication Workshop and Conference (CCWC)*, 2022, pp. 988–994.
- 10) You-Chiun Wang and Yu-Cheng Bai, “Efficient path and charge (P&C) scheduling for a mobile charger to improve survivability and throughput of sensors with adaptive sensing rates,” *Asia-Pacific Network Operations and Management Symposium (APNOMS)*, 2021, pp. 61–66.
- 11) You-Chiun Wang and Ren-Xuan Ye, “Credibility-based countermeasure against slow HTTP DoS attacks by using SDN,” *IEEE Annual Computing and Communication Workshop and Conference (CCWC)*, 2021, pp. 890–895.
- 12) You-Chiun Wang and En-Jui Chang, “Cooperative flow management in multi-domain SDN-based networks with multiple controllers,” *IEEE International Conference on Smart Communities: Improving Quality of Life Using ICT, IoT and AI (HONET)*, 2020, pp. 82–86.
- 13) You-Chiun Wang and Bo-Chun Pan, “Event-aware hierarchical routing with differential compression to extend WSN lifetime,” *Asia-Pacific Network Operations and Management Symposium (APNOMS)*, 2020, pp. 79–84.
- 14) You-Chiun Wang and Zong-Han Lin, “Efficient load rearrangement of small cells with D2D relay for energy saving and QoS support,” *IEEE Wireless Communications and Networking Conference (WCNC)*, 2020, pp. 1–6.
- 15) You-Chiun Wang and Ding-Yan Chen, “Cooperative monitoring scheduling of PTZ cameras with splitting vision and its implementation for security surveillance,” *International Conference on Advanced Technology Innovation (ICATI)*, 2019, pp. 1–12.
- 16) You-Chiun Wang and Kuan-Chung Chen, “Lightweight scheduling of data collection paths for mobile data ferries in long-term IoT applications,” *IEEE Asia Pacific Wireless Communications Symposium (APWCS)*, 2018, pp. 1–5.
- 17) You-Chiun Wang and Han Hu, “A Low-cost, high-efficiency SDN framework to diminish redundant ARP and IGMP traffics in large-scale LANs,” *IEEE Annual Computer Software and Applications Conference (COMPSAC)*, 2018, pp. 894–903.
- 18) You-Chiun Wang and Kai-Chung Chien, “A load-aware small-cell management mechanism to support green communications in 5G networks,” *IEEE Wireless and Optical Communication Conference (WOCC)*, 2018, pp. 1–5.
- 19) You-Chiun Wang and Shih-Ting Chen, “Adaptive configuration of time-domain eICIC to support multimedia communications in LTE-A heterogeneous networks,” *IEEE International Symposium on a World of Wireless Mobile and Multimedia Networks (WoWMoM)*, 2017, pp. 1–6.
- 20) You-Chiun Wang and Wei-Ting Chen, “An automatic and adaptive light control system by integrating wireless sensors and brain-computer interface,” *IEEE International Conference on Applied System Innovation (ICASI)*, 2017, pp. 1399–1402.
- 21) You-Chiun Wang and Hung-Yi Ko, “LTE-A downlink resource management for green communica-



- tion,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2016, pp. 386–390.
- 22) You-Chiun Wang and Dai-Rong Jhong, “A 4-guideline downlink scheduling strategy to support fairness and QoS for LTE networks,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2016, pp. 381–385.
  - 23) You-Chiun Wang and Chang-Chen Yang, “Intelligent shopping trolley (IST) system by WSN to support hypermarket IoT service,” *International Conference on Sensor Technologies and Applications (SENSORCOMM)*, 2016, pp. 77–82.
  - 24) Liang-Bi Chen, Bo-Chuan Cheng, You-Chiun Wang, Katherine Shu-Min Li, and Jing-Jou Tang, “An efficient fault tolerance path finding algorithm for improving the robustness of multichannel wireless mesh networks,” *IEEE International Conference on Consumer Electronics (ICCE)*, 2016, pp. 524–525.
  - 25) You-Chiun Wang and Song-Yun Hsieh, “QoS-provisioning downlink resource management in 4G cellular systems,” *IEEE International Wireless Communications & Mobile Computing Conference (IWCMC)*, 2015, pp. 67–72.
  - 26) You-Chiun Wang and Chien-An Chuang, “A two-phase heuristic for base station placement in long term evolution (LTE) networks with cell heterogeneity,” *ACM International Conference on Advances in Mobile Computing & Multimedia (MoMM)*, 2014, pp. 407–412.
  - 27) You-Chiun Wang and Shin-En Hsu, “An efficient deployment heuristic to support temporal coverage of heterogeneous objects in rotatable and directional (R&D) sensor networks,” *IEEE Vehicular Technology Conference (VTC)*, 2014, pp. 1–5.
  - 28) You-Chiun Wang and Chia-Ting Wei, “Efficient route selection strategy to reduce packet delays for using data compression in WSNs,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2014, pp. 1–5.
  - 29) You-Chiun Wang, “XOR coding scheme for data retransmissions with different benefits in DVB-IPDC networks,” *IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)*, 2013, pp. 3563–3567.
  - 30) You-Chiun Wang, “Efficient Dispatch of multi-capability mobile sensors in hybrid wireless sensor networks,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2012, pp. 1–5.
  - 31) Chi-Chung Lo, Chih-Cheng Chen, Yu-Chee Tseng, Jen-Chieh Chiang, Kun-Chi Feng, Lun-Chia Kuo, and You-Chiun Wang, “A Room-based localization system using wireless triggers and pattern matching techniques,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2012, pp. 1–5.
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  - 36) Chi-Chung Lo, Tsung-Ching Lin, You-Chiun Wang, Yu-Chee Tseng, Lee-Chun Koy, and Lun-Chia Kuo, “Using intelligent mobile devices for indoor wireless location tracking, navigation, and mobile augmented reality,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2010, pp. 1–5.

- 37) Shu-Chiung Hu, You-Chiun Wang, Chiuan-Yu Huang, Yu-Chee Tseng, Lun-Chia Kuo, and Chao-Yu Chen “Vehicular sensing system for CO<sub>2</sub> monitoring applications,” *IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 2009, pp. 168–171.
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- 50) Shiang-Rung Ye, You-Chiun Wang, and Yu-Chee Tseng, “A jamming-based MAC protocol for wireless multihop ad hoc networks,” *IEEE Vehicular Technology Conference (VTC)*, 2003, pp. 1396–1400.

## Book Chapters

- 1) You-Chiun Wang, “Resource and power management for in-band D2D communications,” *Horizons in Computer Science Research*, vol. 21 Chapter 5, Nova Science Publishers, 2022.
- 2) You-Chiun Wang, “Mobile solutions to air quality monitoring,” *Mobile Solutions and Their Usefulness in Everyday Life*, Chapter 12, Springer International Publishing, 2019.

- 3) Jia-Ming Liang, You-Chiun Wang, and Yu-Chee Tseng, “Scheduling problems and solutions in WiMAX networks,” *Scheduling Problems and Solutions*, Chapter 7, Nova Science Publishers, 2012.
- 4) Wen-Hsin Yang, You-Chiun Wang, and Yu-Chee Tseng, “Data recovery schemes in mobile broadcasting services,” *Pervasive Computing*, Chapter 4, Nova Science Publishers, 2012.
- 5) You-Chiun Wang, “Data compression techniques in wireless sensor networks,” *Pervasive Computing*, Chapter 3, Nova Science Publishers, 2012.
- 6) You-Chiun Wang and Yu-Chee Tseng, “Intentional mobility in wireless sensor networks,” *Wireless Networks: Research, Technology and Applications*, Chapter 13, Nova Science Publishers, 2009.
- 7) You-Chiun Wang and Yu-Chee Tseng, “Attacks and defenses of routing mechanisms in ad hoc and sensor networks,” *Security in Sensor Networks*, Chapter 1, CRC Press, 2006.
- 8) You-Chiun Wang and Yu-Chee Tseng, “Packet fair queuing algorithms for wireless networks,” *Design and Analysis of Wireless Networks*, Chapter 7, Nova Science Publishers, 2005.

## Editorials

- 1) You-Chiun Wang, Tomoaki Ohtsuki, Athanasios V. Vasilakos, Ashutosh Sabharwal, Yuh-Shyan Chen, Yu-Chee Tseng, “Algorithms, protocols and future applications of wireless sensor networks,” *The Computer Journal*, vol. 53, no. 10, pp. 1551–1552, Dec. 2010.

## Patents

- 1) Chang-Chen Yang and You-Chiun Wang, “Shopping pattern analysis method and system thereof,” *R.O.C. Patent*, I528306, Apr. 2016.

## 12 ACADEMIC ACTIVITIES

### Journal Editorship

- ◇ Guest Editor, The special issue on “Algorithms, Protocols, and Future Applications of Wireless Sensor Networks,” *The Computer Journal*, Vol. 53, No. 10, Dec. 2010.

### Conference Chair Positions

- ◇ Steering Chair, *The 9th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Hanoi, Vietnam, Nov. 1–3, 2024.
- ◇ Workshop Chair, *International Computer Symposium (ICS)*, Taipei, Taiwan, Oct. 24–26, 2024. [Workshop: Mobile and Wireless Network]
- ◇ Vice Chair, *IEEE/IFIP Network Operations and Management Symposium (NOMS)*, Seoul, South Korea, May 6–10, 2024.
- ◇ Steering Chair, *The 8th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Okinawa, Japan, Sept. 22–24, 2023.
- ◇ Vice Chair, *The 24th Asia-Pacific Network Operations and Management Symposium (APNOMS)*, Sejong City, South Korea, Sept. 6–8, 2023.
- ◇ TPC Chair, *The 23rd Asia-Pacific Network Operations and Management Symposium (APNOMS)*, Takamatsu, Japan, Sept. 28–30, 2022.
- ◇ Steering Chair, *The 7th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Okinawa, Japan, Sept. 23–25, 2022.
- ◇ Poster Chair, *The 22nd Asia-Pacific Network Operations and Management Symposium (APNOMS)*, Tainan, Taiwan, Sept. 8–10, 2021.
- ◇ Session Chair, *IEEE Wireless Communications and Networking Conference (WCNC)*, Seoul, South Korea, May 25–28, 2020. [Session: Device-to-Device communication]

- ◇ Session Chair, *IEEE International Symposium on a World of Wireless Mobile and Multimedia Networks (WoWMoM)*, Macau, China, Jun. 12–15, 2017. [Session: Energy-Efficient Multimedia Networks]
- ◇ Workshop Chair, *The 12th International Conference on Advances in Mobile Computing & Multimedia (MoMM)*, Taiwan, Dec. 8–10, 2014.
- ◇ Session Chair, *IEEE 11th Vehicular Technology Society Asia Pacific Wireless Communications Symposium (APWCS)*, Pingtung, Taiwan, Aug. 28–29, 2014. [Session: Ad-hoc and Sensor Networks I]
- ◇ Track Area Chair, *The 5th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS)*, Seoul, South Korea, Jun. 30–Jul. 2, 2011. [Track: Modeling, Simulation and Performance in Ubiquitous and Pervasive Computing]
- ◇ Local Arrangement Vice Chair, *The 4th IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, Hsinchu, Taiwan, Aug. 20–21, 2007.

### Conference Program Committee Members

- ◇ *The 22nd International Conference on Advances in Mobile Computing & Multimedia Intelligence (MoMM)*, Bratislava, Slovakia, Dec. 2–4, 2024.
- ◇ *IEEE Asia Pacific Conference on Wireless and Mobile (APWiMob)*, Bali, Indonesia, Nov. 28–30, 2024.
- ◇ *The 18th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Nice, France, Nov. 3–7, 2024.
- ◇ *The 9th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Hanoi, Vietnam, Nov. 1–3, 2024.
- ◇ *The 5th International Conference on Smart Sensors and Application (ICSSA)*, Penang, Malaysia, Sept. 10–12, 2024.
- ◇ *The 7th International Conference on Informatics and Computational Sciences (ICICoS)*, Semarang, Indonesia, Jul. 17–18, 2024.
- ◇ *IEEE International Conference on Industry 4.0, Artificial Intelligence and Communications Technology (IAICT)*, Bali, Indonesia, July 4–6, 2024.
- ◇ *The 15th International Conference on Ubiquitous and Future Networks (ICUFN)*, Budapest, Hungary, Jul. 2–5, 2024.
- ◇ *The 6th International Conference on Computer Communication and the Internet (ICCCI)*, Tokyo, Japan, Jun. 14–16, 2024.
- ◇ *The 20th International Wireless Communications & Mobile Computing Conference (IWCMC)*, May 27–31, Ayia Napa, Cyprus.
- ◇ *The 7th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Barcelona, Spain, May 26–30, 2024.
- ◇ *The IEEE 13th International Conference on Communication Systems and Network Technologies (CSNT)*, Jabalpur, India, Apr. 6–7, 2024.
- ◇ *The 12th International Conference on Wireless and Mobile Communications (ICWMC)*, Athens, Greece, Mar. 10–14, 2024.
- ◇ *The 13th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Athens, Greece, Mar. 10–14, 2024.
- ◇ *The 6th International Conference on AI in information and communication (ICAIIIC)*, Osaka, Japan, Feb. 19–22.
- ◇ *The 38th International Conference on Information Networking (ICOIN)*, Ho Chi Minh City, Vietnam, Jan. 17–19, 2024.
- ◇ *The 15th IEEE International Conference on Computational Intelligence and Communication Networks (CICN)*, Bangkok, Thailand, Dec. 22–23, 2023.

- ◇ *The 8th International Symposium on Intelligent Informatics (ISI)*, Bangalore, India, Dec. 18–20, 2023.
- ◇ *The 7th International Symposium on Intelligent Systems Technologies and Applications (ISTA)*, Bangalore, India, Dec. 18–20, 2023.
- ◇ *The 7th International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS)*, Bangalore, India, Dec. 18–20, 2023.
- ◇ *The 21st International Conference on Advances in Mobile Computing & Multimedia Intelligence (MoMM)*, Bali, Indonesia, Dec. 4–6, 2023.
- ◇ *The 12th IEEE International Conference on Communication, Networks and Satellite (COMNET-SAT)*, Malang, Indonesia, Nov. 23–25, 2023.
- ◇ *IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS)*, Bali, Indonesia, Nov. 16–18, 2023.
- ◇ *IEEE 7th Symposium on Future Telecommunication Technologies (SOFTT)*, Bali, Indonesia, Nov. 13–15, 2023.
- ◇ *IEEE Future Networks World Forum (FNWF)*, Baltimore, USA, Nov. 13–15, 2023.
- ◇ *The 17th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Porto, Portugal, Sept. 25–29, 2023.
- ◇ *The 8th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Okinawa, Japan, Sept. 22–24, 2023.
- ◇ *IEEE International Conference on Industry 4, Artificial Intelligence, and Communications Technology (IAICT)*, Bali, Indonesia, Jul. 13–15, 2023.
- ◇ *The 14th International Conference on Ubiquitous and Future Networks (ICUFN)*, Paris, France, Jul. 4–7, 2023,
- ◇ *The 5th International Conference on Computer Communication and the Internet (ICCCI)*, Fujisawa, Japan, Jun. 23–25, 2023.
- ◇ *International Wireless Communications & Mobile Computing Conference (IWCMC)*, Marrakesh, Morocco, Jun. 19–23, 2023.
- ◇ *The 12th IEEE International Conference on Communication Systems and Network Technologies (CSNT)*, Bhopal, India, Apr. 8–9, 2023.
- ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Glasgow, UK, Mar. 26–29, 2023.
- ◇ *The 19th International Conference on Wireless and Mobile Communications (ICWMC)*, Barcelona, Spain, Mar. 13–17, 2023.
- ◇ *The 12th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Barcelona, Spain, Mar. 13–17, 2023.
- ◇ *The IEEE 13th Annual Computing and Communication Workshop and Conference (CCWC)*, Las Vegas, USA, Mar. 8–11, 2023.
- ◇ *The 5th International Conference on Artificial Intelligence in Information and Communication (ICAIC)*, Bali, Indonesia, Feb. 20–23, 2023.
- ◇ *The 37th International Conference on Information Networking (ICOIN)*, Bangkok, Thailand, Jan. 11–14, 2023.
- ◇ *The 14th International Conference on Computational Intelligence and Communication Networks (CICN)*, Lima, Peru, Dec. 2–4, 2022.
- ◇ *The 20th International Conference on Advances in Mobile Computing and Multimedia (MoMM)*, Italy, Nov. 28–30, 2022.
- ◇ *IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS)*, Bali, Indonesia, Nov. 24–26, 2022.
- ◇ *The 6th Symposium on Future Telecommunication Technologies (SOFTT)*, Kuala Lumpur, Malaysia, Nov. 14–16, 2022.

- ◇ *The 13th International Conference on Information and Communications Technology Convergence (ICTC)*, Jeju Island, South Korea, Oct. 19–21, 2022.
- ◇ *The 16th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Lisbon, Portugal, Oct. 16–20, 2022.
- ◇ *IEEE Future Networks World Forum (FNWF)*, Montreal, Canada, Oct. 12–14, 2022.
- ◇ *The 6th International Conference on Informatics and Computational Sciences (ICICoS)*, Semarang, Indonesia, Sept. 28–29, 2022.
- ◇ *The 7th International Conference on Cloud Computing and Internet of Things (CCIOT)*, Okinawa, Japan, Sept. 23–25, 2022.
- ◇ *The 7th International Symposium on Intelligent Informatics (ISI)*, Trivandrum, India, Aug. 31–Sept. 2, 2022.
- ◇ *International Conference on Connected Systems & Intelligence (CSI)*, Trivandrum, India, Aug. 31–Sept. 2, 2022.
- ◇ *IEEE International Conference on Industry 4.0, Artificial Intelligence and Communications Technology (IAICT)*, Bali, Indonesia, Jul. 28–30, 2022.
- ◇ *The 10th IEEE International Conference on Communication, Networks and Satellite (COMNET-SAT)*, Purwokerto, Indonesia, Jul. 17–18, 2022.
- ◇ *The 13th International Conference on Ubiquitous and Future Networks (ICUFN)*, Barcelona, Spain, Jul. 5–8, 2022.
- ◇ *IEEE International Conference on Cybernetics and Computational Intelligence (CyberneticsCom)*, Malang, Indonesia, Jun. 16–18, 2022.
- ◇ *The IEEE 18th International Wireless Communications & Mobile Computing Conference (IWCMC)*, Dubrovnik, Croatia, May 30–Jun. 3, 2022.
- ◇ *The 11th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Venice, Italy, May 22–26, 2022.
- ◇ *The 18th International Conference on Wireless and Mobile Communications (ICWMC)*, Venice, Italy, May 22–26, 2022.
- ◇ *The 15th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Barcelona, Spain, Apr. 24–28, 2022.
- ◇ *The 11th IEEE International Conference on Communication Systems and Network Technologies (CSNT)*, Indore, India, Apr. 23–24, 2022.
- ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Austin, USA, Apr. 10–13, 2022.
- ◇ *International Conference on Artificial Intelligence in Information and Communication (ICAIC)*, Guam, USA, Feb. 21–24, 2022.
- ◇ *The IEEE 12th Annual Computing and Communication Workshop and Conference (CCWC)*, Las Vegas, USA, Jan. 26–29, 2022.
- ◇ *The 36th International Conference on International Conference on Information Networking Information Networking (ICOIN)*, Bangkok, Thailand, Jan. 12–15, 2022.
- ◇ *The 5th Symposium on Future Telecommunication Technologies (SOFTT)*, Bandung, Indonesia, Dec. 6–7, 2021.
- ◇ *The 19th International Conference on Advances in Mobile Computing and Multimedia (MoMM)*, Linz, Austria, Nov. 29–Dec. 1, 2021.
- ◇ *The 15th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Athens, Greece, Nov. 14–18, 2021.
- ◇ *The 12th IEEE Annual Ubiquitous Computing, Electronics, and Mobile Communication Conference (UEMCON)*, New York, USA, Oct. 20–23, 2021.
- ◇ *IEEE 5G World Forum (5GWF)*, Montreal, Canada, Oct. 13–15, 2021.
- ◇ *The 6th International Conference on Cloud Computing and Internet of Things (CCIOT)*, Okinawa,

- Japan, Sept. 22–24, 2021.
- ◇ *The 13th International Conference on Computational Intelligence and Communication Networks (CICN)*, Lima, Peru, Sept. 22–23, 2021.
  - ◇ *The 12th International Conference on Ubiquitous and Future Networks (ICUFN)*, Jeju Island, South Korea, Aug. 17–20, 2021.
  - ◇ *IEEE International Conference on Industry 4.0, Artificial Intelligence, and Communications Technology (IAICT)*, Bali, Indonesia, Jul. 27–28, 2021.
  - ◇ *The 17th International Conference on Wireless and Mobile Communications (ICWMC)*, Nice, France, Jul. 18–22, 2021.
  - ◇ *The 10th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Nice, France, Jul. 18–22, 2021.
  - ◇ *The 10th IEEE International Conference on Communication, Networks and Satellite (COMNET-SAT)*, Purwokerto, Indonesia, Jul. 17–18, 2021.
  - ◇ *The 18th International Conference on Wireless Networks and Mobile Systems (WINSYS)*, On-line, Jul. 7–9, 2021.
  - ◇ *The 17th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC)*, Harbin, China, Jun. 28–Jul. 2, 2021.
  - ◇ *The 3rd International Conference on Artificial Intelligence in Information and Communication (ICAIC)*, Jeju Island, South Korea, Apr. 20–23, 2021.
  - ◇ *The 14th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Porto, Portugal, Apr. 18–22, 2021.
  - ◇ *The 10th International Conference on Communication Systems and Network Technologies (ICC-SNT)*, Cape Town, South Africa, Apr. 15–16, 2021.
  - ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Nanjing, China, Mar. 29–Apr. 1, 2021.
  - ◇ *The IEEE 11th Annual Computing and Communication Workshop and Conference (CCWC)*, Las Vegas, USA, Jan. 27–30, 2021.
  - ◇ *The 9th IEEE International Conference on Communication, Networks and Satellite (COMNETSAT)*, Batam, Indonesia, Dec. 17–18, 2020.
  - ◇ *IEEE Global Communications Conference (GLOBECOM)*, Taipei, Taiwan, Dec. 7–11, 2020.
  - ◇ *The 18th International Conference on Advances in Mobile Computing and Multimedia (MoMM)*, Chiang Mai, Thailand, Nov. 30–Dec. 2, 2020.
  - ◇ *The 14th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Valencia, Spain, Nov. 15–20, 2020.
  - ◇ *IEEE International Conference on Internet of Things and Intelligence System (IoT&IS)*, Bali, Indonesia, Nov. 3–5, 2020.
  - ◇ *The International Conference on Applied Soft Computing and Communication Networks (ACN)*, Chennai, India, Oct. 14–17, 2020.
  - ◇ *The 6th International Symposium on Intelligent Systems Technologies and Applications (ISTA)*, Chennai, India, Oct. 14–17, 2020.
  - ◇ *The 2nd Symposium on Machine Learning and Metaheuristic Algorithms, and Applications (SoMMA)*, Chennai, India, Oct. 14–17, 2020.
  - ◇ *The 4th International Conference on Computing and Network Communications (CoCoNet)*, Chennai, India, Oct. 14–17, 2020.
  - ◇ *The 12th International Conference on Computational Intelligence and Communication Networks (CICN)*, Nainital, India, Sept. 25–26, 2020.
  - ◇ *The 5th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Okinawa, Japan, Sept. 22–24, 2020.
  - ◇ *IEEE 5G World Forum (5GWF)*, Bangalore, India, Sept. 10–12, 2020.

- ◇ *The 2nd International Conference on Big Data and Advanced Wireless Technologies (BDAW)*, UK (Online), Jul. 9–10, 2020.
- ◇ *The 12th IEEE International Conference on Ubiquitous and Future Networks (ICUFN)*, Porto, Portugal, Jun. 30–Jul. 3, 2020.
- ◇ *The 6th International Conference on Wireless and Mobile Communications (ICWMC)*, Athens, Greece, Jun. 28–Jul. 2, 2020.
- ◇ *The 16th IEEE International Wireless Communications & Mobile Computing Conference (IWCMC)*, Limassol, Cyprus, Jun. 15–19, 2020.
- ◇ *The 9th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Athens, Greece, Jun. 28–Jul. 2, 2020.
- ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Seoul, South Korea, Apr. 6–9, 2020.
- ◇ *The 13th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Lisbon, Portugal, Feb. 23–27, 2020.
- ◇ *The 3rd International Conference on Computing and Network Communications (CoCoNet)*, Trivandrum, India, Dec. 18–21, 2019.
- ◇ *International Conference on Applied Soft Computing and Communication Networks (ACN)*, Trivandrum, India, Dec. 18–21, 2019.
- ◇ *The 5th International Symposium on Intelligent Systems Technologies and Applications (ISTA)*, Trivandrum, India, Dec. 18–21, 2019.
- ◇ *The 8th International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Trivandrum, India, Dec. 18–21, 2019.
- ◇ *The 17th ACM International Conference on Advances in Mobile Computing and Multimedia (MoMM)*, Munich, Germany, Dec. 2–4, 2019.
- ◇ *The 22nd International Symposium on Wireless Personal Multimedia Communications (WPMC)*, Lisboa, Portugal, Nov. 24–27, 2019.
- ◇ *The 9th IEEE International Symposium on Cloud and Service Computing (SC2)*, Kaohsiung, Taiwan, Nov. 18–21, 2019.
- ◇ *IEEE International Conference on Internet of Things and Intelligence System (IoT&IS)*, Bali, Indonesia, Nov. 5–7, 2019.
- ◇ *The 13th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Nice, France, Oct. 27–31, 2019.
- ◇ *IEEE 5G World Forum (5GWF)*, Dresden, Germany, Sept. 30–Oct. 2, 2019.
- ◇ *The 25th Taiwan Academic Network Conference (TANET)*, Kaohsiung, Taiwan, Sept. 25–27, 2019.
- ◇ *The 4th International Conference on Cloud Computing and Internet of Things (CCIoT)*, Tokyo, Japan, Sept. 20–22, 2019.
- ◇ *The 24th Mobile Computing Workshop (MC)*, Tainan, Taiwan, Aug. 26–27, 2019.
- ◇ *The 15th Workshop on Wireless, Ad Hoc and Sensor Networks (WASN)*, Tainan, Taiwan, Aug. 26–27, 2019.
- ◇ *The 8th IEEE International Conference on Communication, Networks and Satellite (COMNETSAT)*, Makassar, Indonesia, Aug. 1–3, 2019.
- ◇ *The 8th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Rome, Italy, Jun. 30–Jul. 4, 2019.
- ◇ *The 11th IEEE International Conference on Ubiquitous and Future Networks (ICUFN)*, Zagreb, Croatia, Jul. 2–5, 2019.
- ◇ *The 15th International Conference on Wireless and Mobile Communications (ICWMC)*, Rome, Italy, Jun. 30–Jul. 4, 2019.
- ◇ *The 3rd International Conference on Signals and Systems (ICSigSys)*, Bandung, Indonesia, Jul. 16–18, 2019.



- ◇ *The 15th IEEE International Wireless Communications & Mobile Computing Conference (IWCMC)*, Tangier, Morocco, Jun. 24–28, 2019.
- ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Marrakech, Morocco, Apr. 15–18, 2019.
- ◇ *The Smart Cities Symposium (SCS)*, Bahrain, Mar. 24–26, 2019.
- ◇ *The 12th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Valencia, Spain, Mar. 24–28, 2019.
- ◇ *IEEE Global Communications Conference (GLOBECOM)*, Abu Dhabi, UAE, Dec. 9–13, 2018.
- ◇ *The 4th International Conference on Control, Electronics, Renewable Energy, and Communications (ICCEREC)*, Bali, Indonesia, Dec. 5–7, 2018.
- ◇ *The 16th ACM International Conference on Advances in Mobile Computing & Multimedia (MoMM)*, Yogyakarta, Indonesia, Nov. 19–21, 2018.
- ◇ *The 7th IEEE International Conference on Communication, Networks and Satellite (COMNETSAT)*, Medan, Indonesia, Nov. 14–17, 2018.
- ◇ *The 5th International Conference on Internet of Vehicles (IOV)*, Paris, France, Nov. 6–9, 2018.
- ◇ *The 8th IEEE International Symposium on Cloud and Service Computing (SC2)*, Paris, France, Nov. 6–9, 2018.
- ◇ *The 24th Taiwan Academic Network Conference (TANET)*, Taoyuan, Taiwan, Oct. 24–26, 2018.
- ◇ *The 2nd International Conference on Electrical Engineering and Informatics (ICEEI)*, Batam, Indonesia, Oct. 16–17, 2018.
- ◇ *The 4th International Symposium on Intelligent Systems Technologies and Applications (ISTA)*, Bangalore, India, Sept. 19–22, 2018.
- ◇ *The 7th International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Bangalore, India, Sept. 19–22, 2018.
- ◇ *The 12th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Venice, Italy, Sept. 16–20, 2018.
- ◇ *The 23rd Mobile Computing Workshop (MC)*, Taoyuan, Taiwan, Aug. 26–27, 2018.
- ◇ *The 2nd International Conference on Computing and Network Communications (CoCoNet)*, Astana, Kazakhstan, Aug. 15–17, 2018.
- ◇ *The 5th International Workshop on Mobile Applications (MobiApps)*, Barcelona, Spain, Aug. 6–8, 2018.
- ◇ *IEEE 5G World Forum (5GWF)*, Santa Clara, California, USA, Jul. 9–11, 2018.
- ◇ *The 14th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC)*, Limassol, Cyprus, Jun. 25–29, 2018.
- ◇ *The 7th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Venice, Italy, Jun. 24–28, 2018.
- ◇ *The 14th International Conference on Wireless and Mobile Communications (ICWMC)*, Venice, Italy, Jun. 24–28, 2018.
- ◇ *The 87th IEEE Vehicular Technology Conference (VTC-spring)*, Porto, Portugal, Jun. 3–6, 2018.
- ◇ *The 2nd International Conference on Signals and Systems 2018 (ICSigSys)*, Bali, Indonesia, May 1–3, 2018.
- ◇ *The 11th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Athens, Greece, Apr. 22–26, 2018.
- ◇ *The Smart Cities Symposium (SCS)*, Bahrain, Apr. 22–23, 2018.
- ◇ *International Conference on Intelligent Systems and Wireless Technologies (ICISWT)*, Bangalore, India, Mar. 22–24, 2018.
- ◇ *International Conference on Communication, Computing & Internet of Things (IC3IoT)*, Chennai, India, Feb. 15–17, 2018.
- ◇ *International Conference on Computer Intelligent Systems & Networking (ICCISN)*, Sousse, Tunisia,

Jan. 3–5, 2018.

- ◇ *The 20th International Symposium on Wireless Personal Multimedia Communications (WPMC)*, Bali, Indonesia, Dec. 17–20, 2017.
- ◇ *IEEE Global Communications Conference (GLOBECOM)*, Singapore, Dec. 4–8, 2017.
- ◇ *The 15th International Conference on Advances in Mobile Computing & Multimedia (MoMM)*, Salzburg, Austria, Dec. 4–6, 2017.
- ◇ *The 23rd Taiwan Academic Network Conference (TANET)*, Taichung, Taiwan, Oct. 25–27, 2017.
- ◇ *The 6th International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Manipal, India, Sept. 13–16, 2017.
- ◇ *The 11th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Rome, Italy, Sept. 10–14, 2017.
- ◇ *The 22nd Mobile Computing Workshop (MC)*, Kaohsiung, Taiwan, Aug. 27–28, 2017.
- ◇ *The 13th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC)*, Valencia, Spain, Jun. 26–30, 2017.
- ◇ *The 6th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Nice, France, Jul. 23–27, 2017.
- ◇ *The 13th International Conference on Wireless and Mobile Communications (ICWMC)*, Nice, France, Jul. 23–27, 2017.
- ◇ *The 10th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Venice, Italy, Apr. 23–27, 2017.
- ◇ *International Computer Symposium (ICS)*, Chiayi, Taiwan, Dec. 15–17, 2016.
- ◇ *The 16th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP)*, Granada, Spain, Dec. 14–16, 2016.
- ◇ *The 3rd International Conference on Internet of Vehicles (IOV)*, Nadi, Fiji, Dec. 8–10, 2016.
- ◇ *The 6th IEEE International Symposium on Cloud and Service Computing (SC2)*, Nadi, Fiji, Dec. 8–10, 2016.
- ◇ *The 14th International Conference on Advances in Mobile Computing & Multimedia (MoMM)*, Singapore, Nov. 28–30, 2016.
- ◇ *The 19th International Symposium on Wireless Personal Multimedia Communications (WPMC)*, Shenzhen, China, Nov. 13–16, 2016.
- ◇ *The 12th International Conference on Wireless and Mobile Communications (ICWMC)*, Barcelona, Spain, Nov. 13–17, 2016.
- ◇ *The 5th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Barcelona, Spain, Nov. 13–17, 2016.
- ◇ *The 5th International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Jaipur, India, Sept. 21–14, 2016.
- ◇ *The 5th IEEE International Conference on Connected Vehicles and Expo (ICCVE)*, Seattle, USA, Sept. 12–16, 2016.
- ◇ *The 12th Workshop on Wireless, Ad Hoc and Sensor Networks (WASN)*, Nantou, Taiwan, Aug. 23–24, 2016.
- ◇ *The 21st Mobile Computing Workshop (MC)*, Nantou, Taiwan, Aug. 23–24, 2016.
- ◇ *International Conference on Computers, Data Management and Technology Applications (IC-CDMTA)*, Istanbul, Turkey, Aug. 18–20, 2016.
- ◇ *The 10th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Nice, France, Jul. 24–28, 2016.
- ◇ *Global Summit on Computer & Information Technology (GSCIT)*, Sousse, Tunisia, Jul. 16–18, 2016.
- ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Doha, Qatar, Apr. 3–6, 2016.
- ◇ *The 30th IEEE International Conference on Advanced Information Networking and Applications*

- (AINA), Crans-Montana, Switzerland, Mar. 23–25, 2016.
- ◇ *The 9th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Lisbon, Portugal, Feb. 21–25, 2016.
  - ◇ *The 15th International Conference on Networks (ICN)*, Lisbon, Portugal, Feb. 21–25, 2016.
  - ◇ *The 5th IEEE International Symposium on Cloud and Service Computing (SC2)*, Chengdu, China, Dec. 19–21, 2015.
  - ◇ *The 2nd IEEE International Conference on Internet of Vehicles (IOV)*, Chengdu, China, Dec. 19–21, 2015.
  - ◇ *The 13th International Conference on Advances in Mobile Computing and Multimedia (MoMM)*, Brussels, Belgium, Dec. 10–12, 2015.
  - ◇ *The 15th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP)*, Zhangjiajie, China, Nov. 18–20, 2015.
  - ◇ *The 4th International Conference on Connected Vehicles & Expo (ICCVE)*, Shenzhen, China, Oct. 19–23, 2015.
  - ◇ *The 11th International Conference on Wireless and Mobile Communications (ICWMC)*, St. Julians, Malta, Oct. 11–16, 2015.
  - ◇ *The 4th International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, St. Julians, Malta, Oct. 11–16, 2015.
  - ◇ *International Conference on Green Computing and Internet of Things (ICGCIoT)*, Delhi, India, Oct. 8–10, 2015.
  - ◇ *The 20th Mobile Computing Workshop (MC)*, Nantou, Taiwan, Aug. 25–26, 2015.
  - ◇ *The 9th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Venice, Italy, Aug. 23–28, 2015.
  - ◇ *International Symposium on Intelligent Systems Technologies and Applications (ISTA)*, Aluva, India, Aug. 10–13, 2015.
  - ◇ *The 4th International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Aluva, India, Aug. 10–13, 2015.
  - ◇ *Global Summit on Computer & Information Technology (GSCIT)*, Sousse, Tunisia, Jun. 11–13, 2015.
  - ◇ *The 8th International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ)*, Barcelona, Spain, Apr. 19–23, 2015.
  - ◇ *The 14th International Conference on Networks (ICN)*, Barcelona, Spain, Apr. 19–23, 2015.
  - ◇ *The 10th IEEE International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP)*, Singapore, Apr. 7–9, 2015.
  - ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, New Orleans, USA, Mar. 9–12, 2015.
  - ◇ *The 4th International Conference on Consumer Electronics, Communications and Networks (CEC-Net)*, Beijing, China, Dec. 20–22, 2014.
  - ◇ *International Computer Symposium (ICS)*, Taichung, Taiwan, Dec. 12–14, 2014.
  - ◇ *International Conference on Contemporary Computing and Informatics (IC3I)*, Mysore, India, Nov. 27–29, 2014.
  - ◇ *The 3rd International Conference on Connected Vehicles & Expo (ICCVE)*, Vienna, Austria, Nov. 3–7, 2014.
  - ◇ *The 20th Taiwan Academic Network Conference (TANET)*, Kaohsiung, Taiwan, Oct. 22–24, 2014.
  - ◇ *International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Greater Noida, India, Sept. 24–27, 2014.
  - ◇ *The 11th International Conference on Network and Parallel Computing (NPC)*, Ilan, Taiwan, Sept. 18–20, 2014.
  - ◇ *The 17th International Symposium on Wireless Personal Multimedia Communications (WPMC)*,

- Sydney, Australia, Sept. 14–18, 2014.
- ◇ *IEEE International Conference on Internet of Things (iThings)*, Taipei, Taiwan, Sept. 1–3, 2014.
  - ◇ *The 4th International Symposium on Cloud and Service Computing (SC2)*, Beijing, China, Sept. 1–2, 2014.
  - ◇ *The 1st International Conference on Internet of Vehicles (IOV)*, Beijing, China, Aug. 27–28, 2014.
  - ◇ *The 10th Workshop on Wireless, Ad Hoc and Sensor Networks (WASN)*, Tainan, Taiwan, Aug. 26–27, 2014.
  - ◇ *The 19th Mobile Computing Workshop (MC)*, Tainan, Taiwan, Aug. 26–27, 2014.
  - ◇ *The 8th International Conference on Complex, Intelligence and Software Intensive Systems (CISIS)*, Birmingham, UK, Jul. 2–4, 2014.
  - ◇ *The 3rd International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Seville, Spain, Jun. 22–26, 2014.
  - ◇ *The 33rd IEEE International Conference on Computer Communications (INFOCOM)*, Toronto, Canada, Apr. 28–May 2, 2014.
  - ◇ *The 12th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)*, Hammamet, Tunisia, May 12–16, 2014.
  - ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Istanbul, Turkey, Apr. 6–9, 2014.
  - ◇ *The 13th International Conference on Networks (ICN)*, Nice, France, Feb. 23–27, 2014.
  - ◇ *International Workshop on Sensor*, Jeju Island, South Korea, Dec. 11–13, 2013.
  - ◇ *The 2nd International Conference on Connected Vehicles & Expo (ICCVE)*, Las Vegas, USA, Dec. 2–6, 2013.
  - ◇ *The 15th IEEE International Conference on High Performance Computing and Communications (HPCC)*, Zhangjiajie, China, Nov. 13–15, 2013.
  - ◇ *The 8th International Conference on Communications and Networking in China (Chinacom)*, Guilin, China, Aug. 14–16, 2013.
  - ◇ *The 4th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN)*, Niagara Falls, Canada, Oct. 21–24, 2013.
  - ◇ *The 9th Workshop on Wireless, Ad Hoc and Sensor Networks (WASN)*, Miaoli, Taiwan, Aug. 27–28, 2013.
  - ◇ *The 18th Mobile Computing Workshop (MC)*, Miaoli, Taiwan, Aug. 27–28, 2013.
  - ◇ *The 7th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Barcelona, Spain, Aug. 25–31, 2013.
  - ◇ *The 2nd International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Mysore, India, Aug. 22–25, 2013.
  - ◇ *The 2nd International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Nice, France, Jul. 21–26, 2013.
  - ◇ *The 33rd IEEE International Conference on Distributed Computing Systems (ICDCS)*, Philadelphia, USA, Jul. 8–11, 2013.
  - ◇ *The 11th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)*, Tsukuba Science City, Japan, May 13–17, 2013.
  - ◇ *The 32nd IEEE International Conference on Computer Communications (INFOCOM)*, Torino, Italy, Apr. 14–19, 2013.
  - ◇ *IEEE Wireless Communications and Networking Conference (WCNC)*, Shanghai, China, Apr. 7–10, 2013.
  - ◇ *The 1st International Conference on Connected Vehicles & Expo (ICCVE)*, Beijing, China, Dec. 12–16, 2012.
  - ◇ *The 18th IEEE International Conference on Networks (ICON)*, Singapore, Dec. 12–14, 2012.
  - ◇ *The 15th IEEE International Symposium on Wireless Personal Multimedia Communications (WPMC)*,

- Taipei, Taiwan, Sept. 24–27, 2012.
- ◇ *The 17th Mobile Computing Workshop (MC)*, Taoyuan, Taiwan, Aug. 29–30, 2012.
  - ◇ *The 8th Workshop on Wireless, Ad Hoc and Sensor Networks (WASN)*, New Taipei City, Taiwan, Aug. 29–30, 2012.
  - ◇ *The 1st International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR)*, Venice, Italy, Jun. 24–29, 2012.
  - ◇ *The International Workshop on Technologies and Applications for Cyber Physical System (TACPS)*, Gwangju, South Korea, Sept. 6–8, 2012.
  - ◇ *The 8th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC)*, Limassol, Cyprus, Aug. 27–31, 2012.
  - ◇ *The 6th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Rome, Italy, Aug. 19–24, 2012.
  - ◇ *The 10th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)*, Paderborn, Germany, May 14–18, 2012.
  - ◇ *The 1st International Workshop on Computing and Networking for Internet of Things (ComNet-IoT)*, Hong Kong, China, Jan. 3–6, 2012.
  - ◇ *The 31st IEEE International Conference on Computer Communications (INFOCOM)*, Orlando, USA, Mar. 25–30, 2012.
  - ◇ *The 17th IEEE International Conference on Networks (ICON)*, Singapore, Dec. 14–16, 2011.
  - ◇ *The National Computer Symposium (NCS)*, Chiayi, Taiwan, Dec. 2–3, 2011.
  - ◇ *The 7th Workshop on Wireless Ad Hoc and Sensor Networks (WASN)*, Hsinchu, Taiwan, Sept. 1–2, 2011.
  - ◇ *The 7th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC)*, Istanbul, Turkey, Jul. 5–8, 2011.
  - ◇ *The 9th Conference on Communications Networks and Services Research (CNSR)*, Ottawa, Canada, May 2–5, 2011.
  - ◇ *The 9th IEEE International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)*, Princeton, USA, May 9–13, 2011.
  - ◇ *The 5th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Cote d’Azur, France, Aug. 21–27, 2011.
  - ◇ *The 30th IEEE International Conference on Computer Communications (INFOCOM)*, Shanghai, China, Apr. 10–15, 2011.
  - ◇ *The 6th Workshop on Wireless Ad Hoc and Sensor Networks (WASN)*, Taipei, Taiwan, Sept. 2–3, 2010.
  - ◇ *The 8th IEEE International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)*, Avignon, France, May 31–Jun. 4, 2010.
  - ◇ *The 8th IEEE/ACM Conference on Communications Networks and Services Research (CNSR)*, Montreal, Canada, May 11–14, 2010.
  - ◇ *The 4th International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Venice, Italy, Jul. 18–25, 2010.
  - ◇ *The 4th IEEE International Conference on Complex, Intelligent and Software Intensive Systems (CISIS)*, Krakow, Poland, Feb. 15–18, 2010.
  - ◇ *National Computer Symposium (NCS)*, Taipei, Taiwan, Nov. 27–28, 2009.
  - ◇ *The 5th Workshop on Wireless Ad Hoc and Sensor Networks (WASN)*, Hsinchu, Taiwan, Sept. 10–11, 2009.
  - ◇ *The 5th International Workshop on Wireless Network Measurements (WiNMee)*, Seoul, South Korea, Jun. 26, 2009.
  - ◇ *The 10th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM)*, Kos Island, Greece, Jun. 15–19, 2009.

- ◇ *The 3rd International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Athens, Greece, Jun. 14–19, 2009.
- ◇ *The 7th IEEE/ACM Conference on Communication Networks and Services Research (CNSR)*, Moncton, Canada, May 11–13, 2009.
- ◇ *The 1st International Workshop on Information Quality and Quality of Service for Pervasive Computing (IQ2S)*, Dallas, USA, Mar. 16–20, 2009.
- ◇ *The 2nd ICST International Conference on Simulation Tools and Techniques (SIMUTools)*, Rome, Italy, Mar. 2–6, 2009.
- ◇ *The 4th Workshop on Wireless Ad Hoc and Sensor Networks (WASN)*, Tainan, Taiwan, Sept. 4–5, 2008.
- ◇ *The 2nd International Conference on Sensor Technologies and Applications (SENSORCOMM)*, Cap Esterel, France, Aug. 25–31, 2008.
- ◇ *The 5th IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, Sendai, Japan, Aug. 21–22, 2008.
- ◇ *The 17th IEEE International Conference on Computer Communications and Networks (ICCCN)*, Virgin Islands, USA, Aug. 4–7, 2008.
- ◇ *The 9th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM)*, Newport Beach, USA, Jun. 23–26, 2008.
- ◇ *National Computer Symposium (NCS)*, Taichung, Taiwan, Dec. 20–21, 2007.
- ◇ *The 3rd IFIP International Symposium on Network Centric Ubiquitous Systems (NCUS)*, Taipei, Taiwan, Dec. 17–20, 2007.
- ◇ *The 3rd Workshop on Wireless Ad Hoc and Sensor Networks (WASN)*, Tamsui, Taiwan, Sept. 6–7, 2007.