Message From the Editor-in-Chief

SINCE serving as the Editor-in-Chief of TNSE in Jan. 2021, I have witnessed the significant growth of the journal in the past two years, especially an impressive bounce back of the journal's Impact Factor to 5.033 in 2022. All these achievements would not be possible without your kind support. I want to express my sincere appreciation to all of you.

In 2022, the number of new submissions to TNSE reached over 1490, a 21% increase compared with 2021. Due to the excellent work of our Editors-at-Large, Area Editors, Associate Editors, and Guest Editors, we were able to keep the average turn-around time of a TNSE submission below 90 days, with an acceptance ratio of 27%. We also announced four special issues, ranging from Power Technology, Economy and Policy Towards Net-Zero Emissions, Next-generation Traffic Measurement, Artificial Intelligence, Advanced Networking Technologies for Web 3.0, and Aerial Computing Networks in 6G.

Considering that TNSE has already developed into the second-largest Transactions in the Communications Society, I am delighted to get the support of two new Associate Editors-in-Chief to help me manage the journal in 2023. I want to introduce them here.

The first new Associate Editor-in-Chief is *Prof. Carla Fabiana Chiasserini*:

- Carla Fabiana Chiasserini (Fellow, IEEE) is currently a Full Professor with Politecnico di Torino, Turin, Italy, and a Research Associate with Italian National Research Council and CNIT. She was a Visiting Researcher with UC San Diego, La Jolla, CA, USA, during 1998–2003, and Visiting Professor with Monash University , Melbourne, VIC, USA, during 2012 – 2016 and Berlin Technische Universität, Berlin, Germany, during 2021 – 2022.
- She has authored or coauthored more than 350 journal and conference papers. His research interests include NextG networks, edge computing, networking for machine learning, intelligent services, and connected vehicles. He was the recipient of several awards for her scientific work. She is the Editor-in-Chief of *Computer Communications* and Editor-at-Large of the IEEE/ACM TRANSACTIONS ON NETWORKING. She is a Senior Member of ACM and the steering committee of ACM Mobihoc. She served on the Editorial Board of, such journals as the IEEE TRANSACTIONS ON WIRELESS NETWORKS and IEEE TRANSACTIONS ON MOBILE COMPUTING. She has been the Co-Guest Editor of several journal special issues. She is involved in many international research projects, either as a coordinator or PI. She is a Member of the Scientific Council of FBK, IMDEA, and CTTC. More information can be found at https://www.det.polito.it/personale/scheda/(nominativo)/carla.chiasserini.

The second new Associate Editor-in-Chief is *Prof. Yingying (Jennifer) Chen:*

- Yingying (Jennifer) Chen (Fellow, IEEE) is currently a Professor and the Chair of the Electrical and Computer Engineering Department, Rutgers University, New Brunswick, NJ, USA. She is a Peter Cherasia Endowed Faculty Scholar with Rutgers and the Associate Director of the Wireless Information Network Laboratory. She leads the Data Analysis and Information Security (DAISY) Lab.
- She has authored or coauthored three books, four book chapters, and more than 240 journal articles and refereed conference papers. Her research interests include applied machine learning, mobile sensing and computing, cyber security and privacy, Internet of Things, and smart healthcare. She is a pioneer in RF/WiFi sensing, location systems, and mobile security. She had extensive industry experience at Nokia previously. She is an NAI Fellow. She is also named an ACM Distinguished Member. She was the recipient of seven Best Paper Awards at top ACM and IEEE conferences, NSF CAREER Award, Google Faculty Research Award, New Jersey Inventors Hall of Fame Innovator Award, and IEEE Region 1 Technological Innovation in Academic Award. More information can be found at https://www.winlab.rutgers.edu/~yychen/.

In 2023, we will keep organizing the manuscript review in four technical areas: Network Science Methodologies, Mobile Networks and Network Learning, Computer Networks, and Emerging Networks. The (re)appointment of our Editors-at-Large and Area Editors in 2023 are as follows:

2023 TNSE Editors-at-Large:
- *Prof. Thomas Hou* (Virginia Tech, USA)
- *Prof. Leandros Tassiulas* (Yale University, USA)
- *Prof. Peter Yum* (Southeast University, China)

2023 TNSE Area Editors:
- *Prof. Xiang Li, Network Science Methodologies Area (Tongji University, China)*
- *Prof. Yang Yang, Mobile Networks and Network Learning Area (*Terminus Group, China)
- *Prof. Guoliang Xue, Computer Networks Area (*Arizona State University, China*)*
- *Prof. Walid Saad, Emerging Networks Area (*Virginia Tech, USA)

I would like to warmly welcome *Prof. Guoliang Xue*, our new Area Editor for Computer Networks Area:

- Guoliang Xue (Fellow, IEEE) received the B.S. degree in mathematics and the M.S. degree in operations research from Qufu Normal University, Qufu, China, in 1981 and 1984, respectively, and the Ph.D. degree in computer science from the University of Minnesota,

Minneapolis, MN, USA, in 1991. He is currently a Professor of computer science and engineering with the School of Computing and Augmented Intelligence, Arizona State University, Tempe, AZ, USA. His research interests include resource allocation in computer networks, security and survivability issues in networks, and machine learning-enabled crowdsourcing. He was the recipient of several best paper awards, including the 2019 William R. Bennett Prize from the IEEE Communications Society. He was the Editor of IEEE/ACM TRANSACTIONS ON NETWORKING AND COMPUTER NETWORKS, and an Area Editor of IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS overseeing 12 editors in the Wireless Networking Area. He is an Associate Editor for IEEE TRANSACTIONS ON MOBILE COMPUTING. He was the TPC Co-Chair of IEEE INFOCOM2010 and Co-General Chair of IEEE CNS2014. He was a Keynote Speaker at IEEE LCN2011, IEEE ICNC2014, and IEEE ICT-DM'2018. He was the VP-Conferences of the IEEE Communications Society in 2016 and 2017. He is the Steering Committee Chair of IEEE INFOCOM.

I want to welcome twenty-six new Associate Editors who joined the TNSE editorial board in 2022: Ebrahim Bagheri, Ali Kashif Bashir, Igor Belykh, Xiaoli Chu, Do Young Eun, Guanyu Gao, Chunxiao Jiang, Xiliang Luo, Zihan Lv, Satyajayant Misra, Sudip Misra, Francesco De Pellegrini, Christian Poellabauer, Maurizio Porfiri, Filippo Radicchi, Michael Small, Jie Sun, Yin Sun, Amirhosein Taherkordi, Lin Wang, Yang Xiao, Lisong Xu, Bo Yang, Dejun Yang, Chau Yuen, and Junbo Zhao (alphabetized by Last Name).

I would also like to thank the service of Prof. Shiwen Mao, who served as the Area Editor of Computer Networks in 2022 and the TNSE Steering Committee Chair during 2021-2022. He will continue to serve as a member of the Steering Committee.

Meanwhile, he started to serve as the Editor-in-Chief of IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING in Jan. 2023. Congratulations!

I would like to welcome Prof. Yonggang Wen as the new TNSE Steering Committee Chair. Prof. Wen served as a member of the Steering Committee during 2021-2022. He also started to serve as the Editor-in-Chief of IEEE TRANSACTIONS ON MULTIMEDIA in Jan. 2023. Congratulations!

I look forward to working closely with the entire editorial board to maintain and further increase the high visibility of TNSE. In the next two years, we will bring more well-known and energetic Associate Editors from different regions and backgrounds on board.

To award Associate Editors who made excellent contributions to TNSE, we established the TNSE Excellent Editor Award in 2021. After considering various aspects, including workload, turn-around time, and decision quality, we selected 18 (out of 69) TNSE associate editors as the 2022 TNSE Excellent Editor Awardees.

Starting in 2022, we also established the TNSE Excellent Reviewer Award. 59 (out of 1792) TNSE reviewers were selected as the first TNSE Excellent Reviewer awardees batch at the end of 2022. Selections are based on workload, review quality (length, depth, fairness), and timeliness.

In the new year of 2023, I will work closely with our editors, guest editors, reviewers, and authors, to bring the journal to the next level of excellence. I look forward to continuing the exciting journey with you together!

JIANWEI HUANG, *Editor-in-Chief*
Presidential Chair Professor, IEEE Fellow
Associate Vice President (Institutional Development)
The Chinese University of Hong Kong, Shenzhen
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