Proposal of New Associate Editors for the IEEE Transactions on Information Theory

Igal Sason

Editor-in-Chief
IEEE T-IT

Board of Governors Meeting
June 21st, 2020
Proposed New Associate Editors

1. Guang Gong – Sequences
2. Marco Lops – Detection and Estimation
3. David Mitchell – Coding Theory (emphasis on LDPC codes)
4. Himanshu Tyagi – Shannon Theory
5. Eitan Yaakobi – Coding Theory (emphasis on coding for storage).
Guang Gong

Biography: Guang Gong received the B.S. degree in mathematics from Xichang Normal College in 1981, the M.S. degree in applied mathematics from Xidian University in 1985, and the Ph.D. degree in electrical engineering from the University of Electronic Science and Technology of China (UESTC) in 1990. She received a Post-Doctoral Fellowship from the Fondazione Ugo Bordoni, Rome, Italy, and spent the following year there. She worked with Dr. Solomon W. Golomb at the University of Southern California from 1996 to 1998 and joined the University of Waterloo, Canada, in 1998, as an Associate Professor at the Department of Electrical and Computer Engineering in 2000, a Full Professor in 2004, and University Research Chair in 2018. Her research interests are in the areas of sequences, cryptography, and computer and communication security, and focuses on the research topics on pseudorandom sequences, lightweight cryptography (LWC), Internet-of-Things security, blockchain privacy, and privacy preserving machine learning. She is a Fellow of the IEEE.

Website: [https://uwaterloo.ca/scholar/ggong](https://uwaterloo.ca/scholar/ggong)

Selected publications:


Marco Lops

Biography: Marco Lops received his "Laurea" (5 years) and Ph. D. degrees in Electronic and Computer Engineering from University "Federico II" of Naples, Italy. He joined the Dipartimento di Ingegneria Elettronica at "Federico II" as assistant professor (1989-1991), and then as associate professor (1991-2000). In 2000 he moved to University of Cassino as full professor, while in 2009 he was appointed full professor at ENSEEIHT (University of Toulouse, France). After his return in Italy, he joined in 2018 the Department of Electrical Engineering and Information Technologies at "Federico II", where he has been a full professor since. His research interests are in the field of detection, estimation and statistical signal processing, with an emphasis on communications and radar. He has served as an Associate Editor for IEEE Transactions on Information Theory, IEEE Transactions on Signal Processing and is now a Senior Area Editor for TSP. He is a Fellow of the IEEE.

Web site: http://docenti.unina.it/marco.lops

Selected Publications


David G. M. Mitchell

**Biography:** David G. M. Mitchell received the Ph.D. degree in Electrical Engineering from the University of Edinburgh, United Kingdom, in 2009. He is currently an Assistant Professor in the Klipsch School of Electrical and Computer Engineering at the New Mexico State University, USA. He previously held Visiting Assistant Professor and Post-Doctoral Research Associate positions in the Department of Electrical Engineering at the University of Notre Dame, USA. He is a Senior Member of the IEEE and his research interests are in the area of digital communications, with emphasis on error control coding and information theory. Dr. Mitchell was named as an exemplary reviewer (top 2%) for the *IEEE Transactions on Communications* in 2018.

**Web site:** [http://web.nmsu.edu/~dgmm](http://web.nmsu.edu/~dgmm)

**Selected Publications:**


HIMANSHU TYAGI

Biography: Himanshu Tyagi received the Bachelor of Technology degree in Electrical Engineering and Master of Technology degree in Information and Communication Technology, both from the Indian Institute of Technology, Delhi, in 2007, and a PhD degree from the University of Maryland, College Park, in 2013. He was a postdoctoral researcher at the Information Theory and its Applications (ITA) centre from 2013 to 2014. He joined the Department of Electrical Communication Engineering at the Indian Institute of Science (IISc), Bangalore, as a faculty member in January 2015. At IISc, he is a member of the Analysis and Probability Research Group and a participating faculty at the Robert Bosch Center for Cyberphysical Systems. His research interests broadly lie in information theory and its application in cryptography, statistics and computer science. Also, he is interested in communication and automation for city-scale systems.

Website: http://ece.iisc.ac.in/~htyagi

SELECTED PUBLICATIONS


Eitan Yaakobi

Biography: Eitan Yaakobi (S’07–M’12–SM’17) is an Associate Professor at the Computer Science Department at the Technion — Israel Institute of Technology. He received the B.A. degrees in computer science and mathematics, and the M.Sc. degree in computer science from the Technion — Israel Institute of Technology, Haifa, Israel, in 2005 and 2007, respectively, and the Ph.D. degree in electrical engineering from the University of California, San Diego, in 2011. Between 2011-2013, he was a postdoctoral researcher in the department of Electrical Engineering at the California Institute of Technology and at the Center for Memory and Recording Research at the University of California, San Diego. His research interests include information and coding theory with applications to non-volatile memories, associative memories, DNA storage, data storage and retrieval, and private information retrieval. He received the Marconi Society Young Scholar in 2009 and the Intel Ph.D. Fellowship in 2010-2011.

Homepage: http://yaakobi.net.technion.ac.il/

Selected Publications


Motions

1. Approve Guang Gong – Sequences
2. Approve Marco Lops – Detection and Estimation
3. Approve David Mitchell – Coding Theory
4. Approve Himanshu Tyagi – Shannon Theory
5. Approve Eitan Yaakobi – Coding Theory.