

Publishing a good scientific paper in IEEE

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Abstract

Conducting a very high quality research may be the fundamental job for scientists but their survival in the long run depends on their ability to write good papers, articles, and reports and publish them in highly ranked journals. The writing process can be intimidating to many researchers even to experienced professionals. According to IEEE Member Matthias Reumann, a postdoctoral Fellow at the IBM Thomas J. Watson Research Center in Yorktown Heights, “Writing requires discipline, organization, thoroughness, understanding of the background and consequences, and planning,”

This seminar will present some ground rules on writing and publishing good scientific papers in IEEE transactions and journals. Personal experience with the association with IEEE over 32 years as an associate editor (18+ years with IEEE Sensors Journal, 12+ years with IEEE TIM and 3 years with IEEE Mechatronics) and dealing over 1500 papers will be shared.

A short biography of Subhas Mukhopadhyay

Biography: Subhas holds a B.E.E. (gold medallist), M.E.E., **Ph.D.** (India) and **Doctor of Engineering** (Japan). He has over 30 years of teaching, industrial and research experience.

Currently he is working as a Professor of Mechanical/Electronics Engineering, Macquarie University, Australia and is the Discipline Leader of the Mechatronics Engineering Degree Programme. Before joining Macquarie he worked as Professor of Sensing Technology, Massey University, New Zealand. His fields of interest include Smart Sensors and sensing technology, instrumentation techniques, wireless sensors and network (WSN), Internet of Things (IoT), numerical field calculation, electromagnetics etc. He has supervised over 40 postgraduate students and over 100 Honours students. He has examined over 50 postgraduate theses.

He has published over **400** papers in different international journals and conference proceedings, written seven books and forty two book chapters and edited **seventeen** conference proceedings. He has also edited **thirty two** books with Springer-Verlag and twenty four journal special issues. He has organized over 20 international conferences as either General Chairs/co-chairs or Technical Programme Chair. He has delivered **327** presentations including keynote, invited, tutorial and special lectures.

He is a **Fellow** of IEEE (USA), a **Fellow** of IET (UK), a **Fellow** of IETE (India). He is a **Topical Editor** of IEEE Sensors journal. He is also an **associate editor** of IEEE Transactions on Instrumentation and Measurements. He is a **Distinguished Lecturer** of the IEEE Sensors Council from 2017 to 2019. He **chairs** the IEEE IMS NSW chapter.

More details can be available at

<http://web.science.mq.edu.au/directory/listing/person.htm?id=smukhopa>