

## Publishing a good scientific paper

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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 24 years as an associate editor (13 years with IEEE Sensors Journal, 8 years with IEEE TIM and 3 years with Mechatronics) and dealing over 1000 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 25 years of teaching, industrial and research experience.

Currently he is working as a Professor of Sensing Technology, Massey University, New Zealand. His fields of interest include Smart Sensors and sensing technology, instrumentation techniques, wireless sensors and network, numerical field calculation, electromagnetics etc. He has supervised over 30 postgraduate students and over 75 Honours students. He has examined over 40 postgraduate theses.

He has published over **300** papers in different international journals and conference proceedings, written four books and thirty book chapters and edited **twelve** conference proceedings. He has also edited **twenty** books with Springer-Verlag and **twelve** journal special issues. He has organized over 20 international conferences as either General Chairs/co-chairs or Technical Programme Chair. He has delivered **229** 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), a **Topical Editor** of IEEE Sensors journal, an **associate editor** of IEEE Transactions on Instrumentation and Measurements, and a **Technical Editor** of IEEE Transactions on Mechatronics. He was a **Distinguished Lecturer** of the IEEE Sensors Council from 2010 to 2013. He **chairs** the IEEE IMS Technical Committee 18 on Environmental Measurements.

More details can be available at <http://seat.massey.ac.nz/personal/s.c.mukhopadhyay/>