

Message from the Guest Editor

The International Journal on Applied Biomedical Engineering (IJABME) is published bi-annually by *Thai Biomedical Engineering Research Association (ThaiBME)*; January-June issue and July-December issue. In your hands is the second issue of its kind. This is Number 1 of Volume 2. In this issue, a number of papers were extended from the selected works present in BMEiCON/ISBME2008 held in August 2008, Bangkok. The issue also still keeps a balance with invited papers and regular submitted papers.

As always highlighted, the major objective of the journal is to provide an effective communication channel for researchers concerned with all aspects of biomedical engineering. It is focused on bridging the gap between clinical medicine and applied medical science and technology. With such regards, the IJABME, therefore, intends to provide an international forum where researchers, practitioners, and professionals interested in the advances in, and applications of, biomedical engineering can exchange the latest research, results, and ideas in such areas. Obviously, the put forward argument is sensible since biomedical engineering is a multi-disciplinary field that is helping to advance fundamental concepts, create new knowledge, provide a more comprehensive understanding of complex living systems, and develop innovative devices, tools and techniques for the prevention, diagnosis and treatment of disease, for rehabilitation, and for improving health and quality of life.

It is my honor to serve IJABME as a guest editor of this issue. I do appreciate the contributions of all authors who have tried their best in expressing their works through the written languages. I also would like to thank the referees who have not only carefully reviewed the manuscript but also did provide many constructive feedback. These are of importance and helpful in leveling up the journal standard.

(Somsak Choomchuay)



Somsak Choomchuay, (Ph.D., DIC.): born in Phattalung, Thailand, July 1959. He received both B.Eng. and M.Eng. in Electrical Engineering from King Mongkut's Institute of Technology Ladkrabang (KMITL), Bangkok in 1982 and 1986 respectively. He obtained Ph.D. and DIC. in Electrical Engineering (Signal Processing) from Imperial College, University of London, U.K., in 1994. Since then, he joined the Faculty of Engineering, KMITL where he is currently an associate professor.

Dr.Somsak Choomchuay also has intensively involved both administrative work and research work since 1994. He had serviced KMITL by taking the post of vice dean (academic affairs) of School of Graduate Studies during 1995 to 1999. He had been the associate director of ReCCIT (Research Center for Communication and Information Technology) during 1999 to 2002. He also has involved in JICA's project in Lao PDR as a Third Country Expert (as a project coordinator and research advisor) for more than ten times during 1999 to 2007.

Since 1995, Dr.Somsak has published 2 textbooks (Electronic engineering, and Signal processing) and more than 50 research works in international forums (transactions and proceedings). He was the editor-in-chief of Ladkrabang Engineering Journal and was an associate editor of ECTI-EEC journal. He also has been a committee member, steering member, organizer and an initiator of many international conferences, such as ISCIT, ECTI-CON, ISBME, BMEiCON and JICT.