

International Academy in Engineering Development And Scientific and Management Technology (IAEDSMT)

MILTON BENDER LECTURE SERIES

at the

Asian Institute of Technology

(Innovative Contributions in Engineering, Science, Technology and Management)

Professor Cham Tao Soon, a past-President of the Institution of Engineers, Singapore (IES) and the President of the Nanyang Technological University (NTU) will be the Year 2000 Bender Lecturers at AIT on the occasion of the Information Technology Conference August 1-4, 2000. The title of Prof. Cham's Lecture is "The Impact of Information Technology on University Education". The Asian Institute of Technology introduced the prestigious Milton Bender Lecture Series in Engineering, Science, Technology and Management to honor the first AIT President, Dr. Milton E. Bender. The lecture is given at the Institute once a year by distinguished University Professors selected on a global basis. Educated at Raffles Institution and a Singapore State scholar at the University of Malaysia, Prof. Cham was also a commonwealth Scholar at the Cambridge University, where he received his Ph.D. Prof. Cham, a former Dean of the Faculty of Engineering at the National University of Singapore was the founder-President of NTU in 1981. Under his able leadership, NTU has become one of the finest universities offering higher education. Prof. Cham, a foreign member of the Royal Academies of Sweden and UK is an Honorary Fellow of St. Catherine's College in Cambridge. He has also received honorary Doctorate Degrees from many Universities in UK and Japan.

Professor Amir Pnueli, a Science Mathematician cum Computer Scientist at the Weizmann Institute of Science, Israel, gave the 1998 Lecture. Professor Amir Pnueli recently received the world's most prestigious Turing Award in Computer Science dubbed as the "Nobel Prize in Computer Science". Prof. Pnueli developed sophisticated methods for verifying the correctness and the reliability of computer systems, including software and hardware. These innovative systems control crucial aspects of contemporary life, such as the operation of nuclear power stations, missile launching, aircraft navigation, functioning of medical equipment and communications.

The First Lecture in the series was given in March 1993 by Professor Andrew Schofield, a Fellow of the Royal Society of London on the most admired fields of Centrifuged Model Tests and Critical State Soil Mechanics. The 1994 Lecture was given by Prof. Ray W. Clough, a pioneer in the Development of Finite Element Analysis. Prof. Clough has also been outstanding in the fields of dynamic analysis of structures, experimental research in structural behavior during earthquakes, and the development of the Earthquake Research Center at Berkeley with its shake table and other related facilities. The 1995 lecture, third in the series, was given by Prof. Kiyoshi Horikawa, President of Saitama University and Professor Emeritus at the University of Tokyo. Prof. Horikawa, again a pioneer researcher in Coastal Engineering, brought to AIT his contributions and experiences in expanding the knowledge on the Coastal Engineering discipline, particularly the near shore dynamics and coastal transport mechanism.

Prof. Jorg Imberger from the University of Perth, Australia and an eminent environmentalist who has participated and directed high-level projects on Water Quality and Environmental Management throughout the world from the Bay of Venice to the lakes of Chile and Japan, gave the Fourth Lecture in 1996. In 1996, Prof. Jorg Imberger was awarded the Stockholm Water Foundation Prize for his outstanding contributions to the Water Industry. Professor Douglas Wright, a distinguished Structural Engineer and a University Professor and Administrator at the University of Waterloo in Canada, gave the Fifth Lecture in 1997 on "Engineering the New Economy".

We look forward to the excellent Bender Lecture by Prof. Cham Tao Soon. You may visit our web site at: http://www.sce.ait.ac.th/it-conference/it_home.htm for more details.

