

Industrial & Systems Engineering Department
10 Kent Ridge Crescent, Singapore 119260
Tel: (65) 6874-2203 Fax: (65) 6777-1434



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on

Recent Advances in Statistical Quality Control

Speaker: Professor Fugee Tsung, Hong Kong University of Science and Technology

Date: 28 September, 2004 (Tuesday)

Time: 9:00 a.m. – 10:00 a.m.

Place: EA-06-02, Faculty of Engineering, NUS

Abstract: As quality and Six Sigma excellence has become a decisive factor in global market competition, quality control techniques such as Statistical Process Control (SPC) and Engineering Process Control (EPC) are becoming popular in industries. With advances in information, sensing, and data capture technology, large volumes of data are being routinely collected and shared over multiple-stage processes, which have growing impacts on the existing SPC and EPC methods. This talk will discuss several technical challenges in this area and present some recent extensions.

Biography: Dr. Fugee Tsung is an associate professor in the Department of Industrial Engineering and Engineering Management at the Hong Kong University of Science & Technology. He received both his M.S. and Ph.D. in Industrial and Operations Engineering from the University of Michigan, Ann Arbor, and his B.S. degree in Mechanical Engineering from National Taiwan University. He worked for Ford Motors and Rockwell International and did his post-doctoral research with Chrysler. He serves as Chair for the Quality, Statistics, and Reliability (QSR) Section at INFORMS. He is also a senior member of IIE and ASQ, and is an ASQ Certified Six Sigma Black Belt. His current research interests include quality engineering and management, statistical process control, monitoring and diagnosis. Dr Tsung is a frequent speaker at international conferences, and his papers have appeared in *Technometrics*, *Journal of Quality Technology*, *IIE Transactions*, *IEEE Transactions*, *Annals of Statistics*, etc. He is the winner of the Best Paper Award for the IIE Transactions focus issues on Quality and Reliability in 2003.

Information: email: iseowlc@nus.edu.sg
Fax: 6777-1434