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SEMINAR
on

Real Experiments, Real Mistakes, Real Learning

Speaker: Professor Bovas Abraham, University of Waterloo, CANADA

Date: 30 March, 2005 (Wednesday)

Time: 15:00 p.m. to 16:00 p.m.

Venue: EA-06-04, Faculty of Engineering, NUS

Abstract: Case studies in Design of Experiments typically document a successful application of the technique. Successful case studies are valuable in broadening the perspective of the industrial experimenter and are useful in teaching. In this talk we explore, through the use of case studies, the lessons that can be learned from cases which were not successful or where problems were encountered. All data have been disguised to protect proprietary interests without compromising the learning value of the case.

Biography: Bovas Abraham received his Ph.D. from the University of Wisconsin, Madison. He has been a faculty member at the University of Waterloo since 1977. Bovas is the former Director of the Institute for Improvement in Quality and Productivity and currently as the chair of the 'Statistics in Business and Industry Committee' of the International Statistical Institute and is the founding president of the 'Business and Industrial Statistics Section' of the Statistical Society of Canada.

His main areas of interest include Quality Improvement, and the management and implementation of statistical procedures such as Designed Experiments, SPC, and Time Series Analysis. He is co-author of the book "*Statistical Methods for Forecasting*" and the editor of a volume "*Quality Improvement Through Statistical Methods*". Bovas is a Fellow of the American Society for Quality, a Fellow of the Royal Statistical Society, a Fellow of the American Statistical Association, an elected member of the International Statistical Institute.

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