Seminar

Operations Research / Management in Healthcare: Challenges and Opportunities

Professor David D. Yao
Columbia University

Date: 13 August 2012 (Monday)
Time: 4:00 pm – 5:30 pm
Venue: Connie Fan Multi-media Conference Room, 4/F Cheng Yick-chi Building (Lift 12), City University of Hong Kong

Abstract
Healthcare delivery is a broad field that Operations Research / Management (OR/OM) should lead or even own. Focusing on hospital resource management, this presentation will highlight some of the challenges and opportunities for OR technologies such as hierarchical production planning, revenue management, supply chain management data science and engineering, and business analytics.

Biography
Professor David D. Yao is an IEEE Fellow (1997), an INFORMS Fellow (2005), and a recipient of honors and awards including the Guggenheim Fellowship, the Presidential Young Investigator Award from the U.S. National Science Foundation; the Franz Edelman Award from the Institute for Operations Research and Management Sciences, the SIAM Outstanding Paper Prize from the Society for Industrial and Applied Mathematics, and the Outstanding Technical Achievement Award from IBM.

Author/co–author of about 200 refereed publications, three books and five edited volumes, he has served on the editorial board of several leading journals, including Discrete Event Dynamic Systems, IEEE Transactions on Automatic Control, Management Science, Operations Research, and Queueing Systems. A principal investigator of over thirty research grants and contracts from the U.S. National Science Foundation, the Hong Kong Research Grants Council and various industrial sources, Professor Yao has done extensive research and consulting work in various aspects of semiconductor manufacturing, computer systems scheduling, Internet and web–server performance optimization, supply chain management, financial engineering and risk management. He is a holder of six U.S. patents in manufacturing operations and supply–chain logistics.

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~ All are Welcome ~

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