

**THE NATIONAL UNIVERSITY of SINGAPORE**  
**Department of Industrial & Systems Engineering**  
**AND**  
**Operational Research Society of Singapore**

**JOINT SEMINAR**

On

**The Missing 10 Lines of Code in Your Beloved LP Solver**

**Speaker:** Professor Moshe Sniedovich, University of Melbourne, Australia

**Date:** 17 July 2006 (Monday)

**Time:** 2:30 p.m. – 3:30 p.m.

**Place:** E1-06-08, Faculty of Engineering, NUS

**Abstract:** Your favourite LP Solver is missing about 10 lines of code. These lines could make it much more powerful. We shall explain why these lines are missing and what they could do to enhance the capabilities of the Solver so that it can solve difficult nonlinear global optimization problems.

**About the Speaker:** Moshe Sniedovich is currently a Reader/Associate Professor in the Department of Mathematics and Statistics at the University of Melbourne. Before joining the University of Melbourne, he has held positions at IBM Thomas J Watson Research Center, Princeton University, and University of Arizona. He was also the Vice President of the IFORS representing APORS. He has extensive experience in lecturing and curriculum development in the area of operations research and management science, including graduate and undergraduate subjects dealing with the mathematical aspects of operations research. Moreover, he has also over thirty years of research work on theoretical and practical aspects of operations research methods, which includes: theoretical and algorithmic aspects of deterministic and stochastic sequential decision processes; Global optimization through composite linearization, including fractional and multiplicative programming, composite linear and quadratic programming; and Interactive computing and modeling.

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