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EDITORIAL
SPECIAL ISSUE ON RECENT TRENDS IN OPTIMIZATION MODELS AND
ALGORITHMS, DEDICATED TO TAMÁS TERLAKY ON THE OCCASION OF
HIS 70TH BIRTHDAY



This special issue on Recent Trends in Optimization Models and Algorithms is edited in honor of Professor Tamás Terlaky, the director of Lehigh's the Quantum Computing and Optimization Laboratory, on the occasion of his 70th birthday for his substantial contribution to optimization models and algorithms and his scientific leadership.

Tamás was born in Kaposvár, Hungary, in 1955. He was admitted to Eötvös Loránd University in Budapest in 1973, where he enrolled in 1974 after a year of mandatory military service. Tamás was awarded a Ph.D. in 1981 and a Candidate of Science from the Hungarian Academy of Sciences in 1985. In 2005 he was awarded the Habilitation in Information Sciences by the University of Pannonia, Veszprém, as well as the Doctor of Information Sciences by the Hungarian Academy of Sciences. After graduation with a combined BS/MS degree in mathematical sciences, with specialization in operations research, Tamás worked for two years at the

Hungarian Oil and Gas Trust company designing production and maintenance plans. In 1981, he returned to Eötvös Loránd University. After a one-year visiting position at Delft University of Technology in the Netherlands, Tamás became a faculty member in the Department of Statistic, Stochastic and Operations Research in 1990. In 1999, Tamás was invited to take up a Canada Research Chair in Optimization at McMaster University. In McMaster, he launched and led McMaster's Advanced Optimization Lab, and was the Founding Director of the School of Computational Engineering and Science. He also led one of the largest projects funded by the MITACS Network of Centres of Excellence in Canada, and initiated the Fields Institute's Industrial Optimization Seminar Series. Tamás was awarded the inaugural MITACS Mentorship Award. In 2000, he launched the Modelling, Optimization, Theory and Applications conference series that has been held every year since then. In 2000, he founded EUROPT, the Continuous Optimization Working Group of EURO, of which he is Honorary Founding Chair since 2003.

In 2008, Tamás moved to Lehigh University as Chair of the Department of Industrial and Systems Engineering. In Lehigh, Tamás is a highly inspirational and skilled motivator. Recognitions of his successes as department chair include being four times finalist for the UPS George D. Smith Prize of INFORMS. Tamás's research interests are in high performance optimization methods, optimization modelling, and optimization problems in the engineering sciences. He is the author of more than 200 research papers, many of which are highly cited. Tamás is renowned as an energetic teacher and educator. He has produced dozens of master and Ph.D. students and postdoctoral fellows, most of them are now active professors in many countries, such as Hungary, the Netherlands, Belgium, Iran, Canada, and the USA, and senior researchers working in companies, such as IBM, SAS, Capital One, and JP Morgan. In addition, Tamás served many international journals, such as Optimization and Engineering (founding editor-in-chief), Journal of Optimization Theory and Applications (editor-in-chief), and so on. He is a Fellow of the Fields Institute, Toronto, Canada; Fellow of INFORMS; Fellow of SIAM; Fellow IFORS; Fellow of the Canadian Academy of Engineering.

We are delighted to dedicate this issue, which consists of two parts (**Issue 3, Volume 7** and **Issue 1, Volume 8**), to Prof. Tamás Terlaky in recognition of his highly successful career and his important contributions to the field of optimization models and algorithms. Finally, we want to thank all the Authors and Reviewers that made our Special Issue possible. It has been an honor for us to act as Guest Editors of this Special Issue and contribute to the recognition of Tamás's impact and legacy. We hope that the readers will enjoy it.

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