



Kok Lay Teo received his Ph.D. degrees in electrical engineering from the University of Ottawa, Canada. He was with the Department of Applied Mathematics, University of New South Wales, Australia, the Department of Industrial and Systems Engineering, National University of Singapore, Singapore, the Department of Mathematics, the University of Western Australia, Australia. In 1996, he joined the Department of Mathematics and Statistics, Curtin University of Technology, Australia, as Professor. He then took up the position of Chair Professor of Applied Mathematics and Head of Department of Applied Mathematics at the Hong Kong Polytechnic University, China, from 1999 to

2004. He returned to Curtin University as Professor and Head of the Department of Mathematics and Statistics from 2015 to 2010. He was John Curtin Distinguished Professor at Curtin University from 2011 until his retirement in November, 2019. He is now John Curtin Distinguished Emeritus Professor of Curtin University. Currently, he is a Professor and Associate Dean (Research & Postgraduate Studies) in the School of Mathematical Science, Sunway University, Malaysia. He is also associated with Tianjin University of Finance and Economics as Visiting Distinguished Chair Professor in Coordinated Innovation Center for Computable Modeling in Management Science. Professor Teo had won numerous research grants, both Discovery and Linkage, from the Australian Research Council when he was with Australian universities. He had also won several RGC grants from the Research Grant Council of Hong Kong when he was with The Hong Kong Polytechnic University.

He has presented over 30 keynote/plenary lectures, and he has successfully supervised over 40 PhD students and 50 postdoctoral/research fellows. Many of them are now established researchers and/or holding high positions in their higher learning institutions. Awards and honours received by Professor Teo include: (i) Fellow of the Australian Mathematical Society; (ii) His paper, entitled “The control parameterization method for nonlinear optimal control: A survey”, by Lin, Loxton and Teo, Journal of Industrial and Management Optimization, 2014, was a winning paper in the prestigious Emerald Citations of Excellence for 2017.

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(iii) Winner of the 2013 John de Laeter Research Leadership Award, Curtin University. This is the highest award given by Curtin University; (iv) Listed in the Essential Science Indicators (ESI) in the field of Engineering; (v) According to the 2022 Edition of the Ranking of Top Scientists published by [Research.com](https://www.research.com), a leading academic platform for researchers, Teo was ranked #197 in the field of Mathematics and #751 in the field of Electronics and Electrical Engineering; (vi) Awarded Visiting Distinguished Chair Professor in various universities in China, such as Zhejiang University, Central South University, Harbin University of Technology (2005-2010) and Sun Yat-sen University (2004-2008); (vii) Member of the ARC's Mathematical, Information, and Computing Sciences Research Evaluation Committee for ERA 2010 and ERA2015; (viii) Chair, Pacific Optimization Research Activity Group (POP); (ix) Winner of the 2013 John de Laeter Research Leadership Award, Curtin University. This is the highest award given by Curtin University; (x) Lecturer in Mathematics for the 2010-2011 Texas A&M University at Qatar Distinguished Lecture Series. Professor Teo presented a Distinguished Lecture, entitled “Optimal Control: Practical Motivation and Problem Formulations”, in February 2011.

Professor Teo has published 6 books and over 550 SCI-listed journal papers. Details of his latest book are: Kok Lay Teo, Bin Li, Changjun Yu and Volker Rehbock, Applied and Computational Optimal Control: A Control Parameterization Approach, Springer Optimization and Its Application 171, 2021. The software package, MISER3.3, for solving general constrained optimal control problems was developed under his leadership. His editorial positions include serving as Editor-in-Chief of the Journal of Industrial and Management Optimization; and as a member of editorial board of a number of journals such as Automatica, Journal of Global Optimization, Journal of Optimization Theory and Applications, Optimization and Engineering, Discrete and Continuous Dynamic Systems, Optimization Letters, Applied Mathematical Modelling, Journal of Inequalities and Applications, and AIMS Mathematics. His research interests include both the theoretical and practical aspects of optimal control and optimization, and their practical applications such as in signal processing in telecommunications, process control, and industrial and management optimization.

Further details about Professor Teo can be found by searching [Teo KL, Curtin University - Google Scholar](#).