



Kay Chen TAN, National University of Singapore, SINGAPORE

Dr. Kay Chen TAN received the B. Eng degree with First Class Honors in Electronics and Electrical Engineering, and the Ph.D. degree from the University of Glasgow, Scotland, in 1994 and 1997, respectively. He is currently an Associate Professor in the Department of Electrical and Computer Engineering, National University of Singapore.

Dr. Tan actively pursues research in the area of computational intelligence, with applications to multi-objective optimization, scheduling, automation, data mining, and games. He has published over 100 journal papers, over 100 papers in conference proceedings, co-authored 5 books including *Multiobjective Evolutionary Algorithms and Applications* (Springer-Verlag, 2005), *Modern Industrial Automation Software Design* (John Wiley, 2006; Chinese Edition, 2008), *Evolutionary Robotics: From Algorithms to Implementations* (World Scientific, 2006), *Neural Networks: Computational Models and Applications* (Springer-Verlag, 2007), and *Evolutionary Multi-objective Optimization in Uncertain Environments: Issues and Algorithms* (Springer-Verlag, 2009), co-edited 4 books including *Recent Advances in Simulated Evolution and Learning* (World Scientific, 2004), *Evolutionary Scheduling* (Springer-Verlag, 2007), *Multiobjective Memetic Algorithms* (Springer-Verlag, 2009), and *Design and Control of Intelligent Robotic Systems* (Springer-Verlag, 2009).

Dr. Tan has been an invited Keynote/Plenary speaker for over 40 international conferences in the area of computational intelligence. He is an elected member of AdCom for IEEE Computational Intelligence Society from 2014-2016. He serves as the General Co-Chair for 2016 IEEE World Congress on Computational Intelligence to be held in Vancouver, Canada. He has also served in the international program committee for over 100 conferences and involved in the organizing committee for over 50 international conferences, such as the General Co-Chair for 2007 IEEE Congress on Evolutionary Computation in Singapore etc. He has actively served in various committees of the IEEE Computational Intelligence Society, such as conference committee, publication committee, nomination committee,

awards committee etc. He was also a Distinguished Lecturer of the IEEE Computational Intelligence Society from 2011-2013 and served as the Chair of Evolutionary Computation Technical Committee from 2008-2009.

Dr. Tan was the Editor-in-Chief of *IEEE Computational Intelligence Magazine* from 2010-2013. He currently serves as an Associate Editor / Editorial Board member of over 20 international journals, such as *IEEE Transactions on Evolutionary Computation*, *IEEE Transactions on Cybernetics*, *IEEE Transactions on Computational Intelligence and AI in Games*, *Evolutionary Computation* (MIT Press), *European Journal of Operational Research*, *Journal of Scheduling* etc.

Dr. Tan is a Fellow of IEEE. He was the awardee of “Outstanding Early Career Award” from the IEEE Computational Intelligence Society in 2012 for his contributions to evolutionary computation in multi-objective optimization. He also received the “Recognition Award” from the International Network for Engineering Education & Research (iNEER) in 2008 for his outstanding contributions to engineering education and research. He was a winner of the NUS Outstanding Educator Awards in 2004, the Engineering Educator Awards (2002, 2003, 2005), the Annual Teaching Excellence Awards (2002, 2003, 2004, 2005, 2006), the Honour Roll Awards in 2007, and a Fellow of the NUS Teaching Academic from 2009-2012.