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Dr Tan 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; Review), *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 is currently a Distinguished Lecturer of IEEE Computational Intelligence Society. He has been invited to be a keynote/invited speaker for over 25 international conferences. He served in the international program committee for over 100 conferences and involved in the organizing committee for over 30 international conferences, including the General Co-Chair for IEEE Congress on Evolutionary Computation 2007 in Singapore and the General Co-Chair for IEEE Symposium on Computational Intelligence in Scheduling 2009 in Tennessee, USA.

Dr Tan is currently the Editor-in-Chief of IEEE Computational Intelligence Magazine (5-Year IF: 4.094; IF: 2.833 - Rank 13 out of all 127 IEEE journals). He also serves as an Associate Editor / Editorial Board member of over 15 international journals, such as IEEE Transactions on Evolutionary Computation, IEEE Transactions on Computational Intelligence and AI in Games, Evolutionary Computation (MIT Press), European Journal of Operational Research, Journal of Scheduling, and International Journal of Systems Science.

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