



## James Lam

### Chair Professor of Control Engineering

BSc (1<sup>st</sup> Hons) *Manc*; MPhil; PhD *Cantab*; CMath; CSci; CEng; FIMA; FIET; FIMechE; FIEEE

Professor J. Lam received a first class BSc degree in Mechanical Engineering from the [University of Manchester](#) in 1983, and was awarded the Ashbury Scholarship, the A.H. Gibson Prize, and the H. Wright Baker Prize for his academic performance. He later obtained the MPhil and PhD degrees from the [University of Cambridge](#) in 1985 and 1988, respectively. For his doctoral and post-doctoral research, he was supported by the Croucher Foundation Scholarship (1984) and Fellowship (1990). He is the recipient of an Outstanding Researcher Award (2008) of the University of Hong Kong, a Distinguished Visiting Fellow (2010) of the Royal Academy of Engineering of the United Kingdom, and is a Cheung Kong Chair Professor of the Ministry of Education, China (2013).

Prior to joining the University of Hong Kong in 1993, Professor Lam held lectureships at now the [City University of Hong Kong](#) and the [University of Melbourne](#). He was a Visiting Fellow of the Research School of Physical Sciences and Engineering, [Australian National University](#). Professor Lam has close academic association with a number of universities in Mainland China. He is Guest Professor of [Huazhong University of Science and Technology](#), [Shandong University](#), [Central South University](#), [Harbin Institute of Technology](#), [East China University of Science and Technology](#), [Southwest University of Nationalities](#), and was Concurrent Professor of the [Northeastern University](#), Consulting Professor of [South China University of Technology](#).

On the professional service side, Professor Lam is a Chartered Mathematician, Chartered Scientist, Chartered Engineer, Fellow of [Institute of Mathematics and Its Applications](#), Fellow of [Institution of Engineering and Technology](#), Fellow of [Institute of Electrical and Electronics Engineers](#), and Fellow of [Institution of Mechanical Engineers](#). He also joined other learned societies as Fellow of the Cambridge Philosophical Society and Fellow of the Cambridge Commonwealth Society. Professor Lam is Editor-in-Chief of [IET Control Theory and Applications](#) and [Journal of The Franklin Institute](#), Subject Editor of [Journal of Sound and Vibration](#), Editor of [Asian Journal of Control](#), Section Editor (Systems and Control) of [Cogent Engineering](#), Associate Editor of [Automatica](#), [International Journal of Systems Science](#), [International Journal of Applied Mathematics and Computer Science](#), [Multidimensional Systems and Signal Processing](#), [Proc. IMechE Part I: Journal of Systems and Control Engineering](#), Conference Editorial Board of the IEEE Control Systems Society, editorial member of [Open Electrical and Electronic Engineering Journal](#), [Open Automation and Control Journal](#), [Journal of Control Science and Engineering](#), [Dynamics of Continuous, Discrete and Impulsive Systems: Series B \(Applications & Algorithms\)](#), [International Journal of Systems, Control and Communications](#), [Journal of Electrical and Computer Engineering](#), [Central European Journal of Engineering](#), [Systems](#), and [Systems Science and Control Engineering](#). He is a member of the Technical Committee on Networked Systems, IFAC. He served as Editor-in-Chief of the IEE Proceedings: Control Theory and Applications, Associated Editor of [IEEE Transactions on Signal Processing](#), and as member of the IFAC Technical Committee on Control Design. He is a reviewer of the [Mathematical Reviews](#) of the American Mathematical Society. Professor Lam also serves as Panel Member (Engineering) of the Research Grants Council, HKSAR.

Professor Lam has research interests in model reduction, robust control and filtering, delay, singular systems, Markovian jump systems, multidimensional systems, networked control systems, and biological networks.

His [Erdős number](#) is 3.

[Professor Lam's Personal Homepage](#)

#### Mathematics Resources:

- [MathForum](#)
- [Math Reference Project](#)
- [PlanetMath](#)
- [Wolfram MathWorld](#)