

## Michael Kwok-Po Ng

### *Executive Summary*

Michael Ng is a Professor in the Department of Mathematics at Hong Kong Baptist University, is also an Honorary Professor of the Department of Mathematics and an Adjunct Research Fellow of the E-Business Technology Institute at University of Hong Kong. He did his undergraduate and M. Phil. degrees at the University of Hong Kong in 1990 and 1992 respectively, and obtained his Ph.D. degree from the Chinese University of Hong Kong in 1995. He was a Research Fellow of Australian National University, and an Associate Professor of the University of Hong Kong before taking up his current job from September 2005.

His research areas are Bioinformatics, Data Mining, Operations Research and Scientific Computing. He has published 6 books, 130 refereed journal papers, and 87 refereed conference proceeding papers. According to ISI Essential Science Indicators<sup>1</sup>, his scientist ranking in Mathematics is 166 in the list. One of his publication in SIAM Review has been cited 172 times, and it is also the third most high cited papers in SIAM Review for the past ten years. Overall, the ranking of this paper is 32 in the list of most high cited papers in Mathematics. Currently, he is on the editorial board of five journals including SIAM Journal on Scientific Computing, Numerical Linear Algebra with Applications, Multidimensional Systems and Signal Processing, International Journal of Data Mining and Bioinformatics, International Journal of Computational Science and Engineering and Numerical Mathematics (A Journal of Chinese Universities).

Ever since he took the post at the Hong Kong Baptist University, he has already obtained about 10 millions HK dollars as the principal investigator, and 5 millions HK dollars as the co-investigator for supporting his research projects from the Research Grant Council, the Innovation and Technology Commission, the universities and the education foundations.

His contribution to scientific computing has been recognized by obtaining the honourable mention of Householder Award IX, 1996, the excellent young researcher's presentation at Nanjing International Conference on Optimization and Numerical Algebra, 1999, and the Outstanding Young Researcher Award of the University of Hong Kong, 2001.

To the academic community, he is Public Relations Secretary (2002-2006, 1998-2000) and was the Publications Secretary (2000-2002) of the Hong Kong Mathematical Society. He organizes many data mining, scientific computing and image processing conferences and workshops, and also serves as program, scientific and organizing committee members in many conferences and workshops. To the society, he provides consultancy services to CLP Power, PCCW, Hong Kong Government Environmental Protection Department, and financial companies. He also serves in one of the Hong Kong Productivity Council Publications "LOGISTICS". He has totally 18 M.Phil. and 8 Ph.D. students. One of his master student obtained an outstanding postgraduate reward in the University of Hong Kong in 2004.

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<sup>1</sup>The information is extracted from ISI Web Knowledge Statistics on 10 September 2005.