

1.3 SCHOOL OF COMPUTER ENGINEERING

Overview

Mission

To achieve teaching excellence, world-class research and leadership development in computer engineering.

Vision

- To foster an innovative and entrepreneurial community
- To prepare graduates for lifelong learning and leadership
- To conduct cutting-edge research in collaboration with industry and eminent international institutions

Goals

- Develop human resources to their fullest potential
- Raise the School profile locally and internationally
- Cater to diverse backgrounds and learning abilities of students
- Promote self-learning through structured programmes
- Increase the sense of belonging of students and alumni

Core Values

- Innovation
- Integrity
- Teamwork
- Lifelong Learning
- Professionalism
- Passion
- Proactiveness

The School of Computer Engineering (SCE) is one of the six engineering schools in the College of Engineering (CoE).

Faculty members

Chair's Office

Acting Chair

Prof Goh Eck Soong, Angela, Ph.D. (University of Manchester Institute of Science and Technology, UK)

Associate Chair (Academic)

Assoc Prof Yeo Chai Kiat, Ph.D. (Nanyang Technological University)

Associate Chair (Research)

Assoc Prof Lee Bu Sung, Francis, Ph.D. (Loughborough University of Technology, UK)

Associate Chair (Administration)

Assoc Prof Chan Syin, Ph.D. (University of Kent, UK)

Assistant Chair (Student Affairs)

Assoc Prof Hui Siu Cheung, Ph.D. (University of Sussex, UK)

Division of Computer Communications

Associate Professor

Chia Liang Tien, Clement, Ph.D. (Loughborough University of Technology), Division Head
A S Madhukumar, Ph.D. (Indian Institute of Technology Madras, India)
Chan Syin, Ph.D. (University of Kent)
Cai Jianfei, Ph.D. (University of Missouri – Columbia)
Das Amitabha, Ph.D. (University of California Santa Barbara)
Lau Chiew Tong, Ph.D. (University of British Columbia)
Lee Bu Sung, Francis, Ph.D. (Loughborough University of Technology)
Lee Keok Kee, MEE (Rice University)
Leong Peng Chor, M.S. (University of California Santa Barbara)
Lin Wei Si, Ph.D. (University of London)
Yun Chan Hua, Nicholas, M.Eng.Sc. (Monash University)
Wong Kin Keong, M.Eng.Sc. (Monash University)
Yeo Chai Kiat, Ph.D. (Nanyang Technological University)
Yow Kin Choong, Ph.D. (Cambridge University)

Assistant Professor

Foh Chuan Heng, Ph.D. (University of Melbourne)
Fu Chengpeng, Franklin, Ph.D. (Chinese University of Hong Kong)
Jagdish Chandra Patra, Ph.D. (Indian Institute of Technology Kharagpur)
Kong Wai-Kin, Adams, Ph.D. (University of Waterloo, Canada)
Sabu Emmanuel, Ph.D. (National University of Singapore)
Xu Dong, Ph.D. (University of Science and Technology of China)
Wong Kai Juan, Steven, B.A.Sc. (Nanyang Technological University)

Lecturer

Woo Wing Keong, MAsc (University of British Columbia)

Adjunct Associate Professor

Ngoh Lek Heng, Ph.D. (University of Manchester)

Visiting Professor

Toh Chai Keong, Ph.D. (Cambridge University)

Division of Computer Science

Associate Professor

Cai Wentong, Ph.D. (University of Exeter), Division Head

Professor

Sun Chengzheng, Ph.D.(Computer Engineering) (National University of Defense Technology), Ph.D. (Computer Science) (University of Amsterdam)

Associate Professor

Hsu Wen Jing, Ph.D. (National Chiao Tung University)
Huang Shell Ying, Ph.D. (University of London)
Leung Karhang Maylor, Ph.D. (University of Saskatchewan)
Loh Kok Keong, Peter, Ph.D. (Nanyang Technological University)
Wolfgang Mueller-Wittig, Dr.-Ing. (Darmstadt University of Technology)
Ng Geok See, Ph.D. (Nanyang Technological University)
Pasquier Michel, Dr.-Ing. [National Polytechnic Institute of Grenoble (INPG)]
Quek Hiok Chai, Ph.D. (Herriot-Watt University)
Sourin Alexei, Ph.D. (Moscow Engineering Physics Institute)
Stephen John Turner, Ph.D. (University of Manchester)

Assistant Professor

Amwitaman Datta Ph.D. (Ecole Polytechnique Federale de Lausanne)
He Ying, Ph.D. (Stony Brook University)
Johan Henny, Ph.D. (University of Tokyo)
Low Yoke Hean, Malcolm, D.Phil. (Oxford University)
Shen Haifeng, Ph.D. (Griffith University)
Shi Daming, Ph.D. (Harbin Institute of Technology), Ph.D. (University of Southampton)
Tang Xueyan, Ph.D. (Hong Kong University of Science and Technology)
Tay Joc Cing, Ph.D. (Nanyang Technological University)
Tian Feng, Ph.D. (Xi'an Jiaotong University)
Zheng Jianmin, Ph.D. (Zhejiang University)
Zhou Suiping, Ph.D. (Beijing University of Aeronautics and Astronautics)

Lecturer

Kevin Anthony Jones, M.Eng. (Royal Military College of Canada)
Wong Ee Kian, M.S. (Stanford University)

Adjunct Associate Professor

Hung Gih Guang@Terence, Ph.D. (University of Illinois at Urbana - Champaign)

Adjunct Assistant Professor

Sam Sui Chee, Rowland, M.B.A. (University of Warwick), ADipC (Henley Management College)

Visiting Professor

Rassul Ayani, Ph.D. (Stockholm University)

Division of Computing Systems

Associate Professor

Goh Wooi Boon, Ph.D. (Nanyang Technological University), Division Head

Professor

Srikanthan Thambipillai, Ph.D. (Coventry University)
Seah Hock Soon, Ph.D. (Nanyang Technological University)

Associate Professor

Abdul Wahab bin Abdul Rahman, Ph.D. (Nanyang Technological University)
Benjamin Premkumar, Ph.D. (University of Idaho)
Cham Tat Jen, Ph.D. (University of Cambridge)
Fong Cheuk Ming, Alvis, Ph.D. (University of Auckland)
Ian Vince McLoughlin, Ph.D. (University of Birmingham)
Maskell Douglas, Ph.D. (James Cook University)
Sluzek Andrzej, Ph.D. (Warsaw University of Technology)

Assistant Professor

Chng Eng Siong, Ph.D. (University of Edinburgh)
Cho Siu Yeung, David, Ph.D. (City University of Hong Kong)
Deepu Rajan, Ph.D. (Indian Institute of Technology)
Qian Kemao, Ph.D. (University of Science and Technology of China)
Seow Kiam Tian, Ph.D. (Nanyang Technological University)
Sudha Natarajan, Ph.D. (Indian Institute of Technology Guwahati)
Tan Su Lim, Ph.D. (University of Warwick)
Tay Leng Phuan, Alex, Ph.D. (Loughborough University of Technology)
Vitali Zagorodnov, Ph.D. (Princeton University)
Vinod Achutavarrier Prasad, Ph.D. (Nanyang Technological University)

Adjunct Associate Professor

Li Haizhou, Ph.D. (The South China University of Technology)

Lecturer

Li Fang, M.Eng. (Nanyang Technological University)

Senior Tutor

Yong Chuen-Tze, Mark, M.Sc. (Carnegie Mellon University)

Senior Fellow

Krishnamurthy Sridharan, Ph.D. (Rensselaer Polytechnic Institute)

Pramod Kumar Meher, Ph.D. (Sambalpur University)

Division of Information Systems

Associate Professor

Lim Ee Peng, Ph.D. (University of Minnesota), Division Head

Professor

Goh Eck Soong, Angela, Ph.D. (University of Manchester Institute of Science and Technology)

Associate Professor

Chaudhari Narendra Shivaji, Ph.D. (Indian Institute of Technology)

Hui Siu Cheung, Ph.D. (University of Sussex)

Kwoh Chee Keong, Ph.D. (University of London)

Li Jinyan, Ph.D. (The University of Melbourne)

Lin Feng, Ph.D. (Nanyang Technological University)

Ng Wee Keong, Ph.D. (University of Michigan)

Jagath C. Rajapakse, Ph.D. (State University of New York at Buffalo)

Sourav Saha Bhowmick, Ph.D. (Nanyang Technological University)

Tan Ah Hwee, Ph.D. (Boston University)

Tan Eng Chong, Ph.D. (University of Melbourne)

Assistant Professor

Arlene Bastion, Ed.D. (University of British Columbia)

Chang Kuiyu, Ph.D. (University of Texas at Austin)

Choi Koon Kau, Byron, M.S.E. (University of Pennsylvania)

Hoi Chu Yang, Steven, Ph.D. (The Chinese University of Hong Kong)

Manoranjan Dash, Ph.D. (National University of Singapore)

Miao Chun Yan, Ph.D. (Nanyang Technological University)

Ong Yew Soon, Ph.D. (University of Southampton)

Sun Aixin, Ph.D. (Nanyang Technological University)

Vivekanand Gopalkrishnan, Ph.D. (City University of Hong Kong)

Zhang Jun, Ph.D. (Hong Kong University of Science and Technology)

Adjunct Professor

Roy Elmer Welsch, Ph.D. (Stanford University)

Adjunct Associate Professor

Kolatkhar Prasanna Ratnakar, Ph.D. (University of Texas at Austin)

Liu Jianhun, Ph.D. (Duke University)

Mitchell Wayne Pierce, Ph.D. (University of California)

Ng See Kiong, Ph.D. (Carnegie Mellon University)

Tan Boon Ooi, Patrick, Ph.D. (Stanford University)

Adjunct Assistant Professor

Li Xiaoli, Ph.D. (Computer Software and Theory), (Chinese Academy of Sciences)

Lipovich Leonard, Ph.D. (University of Washington)

Teaching Fellow
Tan Ching Wai, Ph.D. (University College London)