

THE AUSTRALIAN news media Source: <https://www.theaustralian.com.au/higher-education/cheryl-praeeger-mathematician-university-of-western-australia-research-leader-in-the-field-of-algebra/news-story/d1a8e69ed0341889aac44c44dacff34b>

Engineering and Computer Science

Field of Research	Top research institution in the field	Top researcher in the field
Architecture	University of Newcastle	Santamouris Mat, UNSW
Artificial Intelligence	University of Adelaide	Peng Shi, University of Adelaide
Automation & Control Theory	University of Adelaide	Peng Shi, University of Adelaide
Aviation & Aerospace Engineering	RMIT	Richard D Sandberg, University of Melbourne
Bioinformatics & Computational Biology	Monash University	Torsten Seemann, University of Melbourne
Biomedical Technology	Queensland University of Technology	Yin Xiao, Queensland University of Technology
Biotechnology	UTS	Huu Hao Ngo, UTS
Civil Engineering	Monash University	Togay Ozbakkaloglu, University of Adelaide
Computational Linguistics	University of Melbourne	Timothy Baldwin, University of Melbourne
Computer Graphics	Monash University	Tim Dwyer, Monash University
Computer Hardware Design	University of Adelaide	Yang Xiang, Swinburne University of Technology
Computer Networks & Wireless Communication	UNSW	Stephen Hanly, Macquarie University
Computer Security & Cryptography	University of Wollongong	Willy Susilo, University of Wollongong
Computer Vision & Pattern Recognition	University of Adelaide	Anton Van Den Hengel, University of Adelaide
Computing Systems	University of Sydney	Rajkumar Buyya, University of Melbourne
Databases & Information Systems	UNSW	Anthony Dick, University of Adelaide
Data Mining & Analysis	UNSW	Xiaofang Zhou, University of Queensland
Engineering & Computer Science (general)	Swinburne University of Technology	Peter Skands, Monash University
Evolutionary Computation	University of Adelaide	Morteza Saberi, UNSW
Fuzzy Systems	University of Adelaide	Peng Shi, University of Adelaide
Human Computer Interaction	University of Melbourne	Gelareh Mohammadi, UNSW
Information Theory	UTS	Min-Hsiu Hsieh, UTS

Library & Information Science	RMIT	Hamid Jamali, Charles Sturt University
Manufacturing & Machinery	Monash University	Huijun Li, University of Wollongong
Mechanical Engineering	RMIT	Jie Yang, RMIT
Metallurgy	Monash University	Huijun Li, University of Wollongong
Microelectronics & Electronic Packaging	Griffith University	Karu Esselle, Macquarie University
Mining & Mineral Resources	Curtin University	Zhao Jia, Monash University
Multimedia	University of Queensland	Helen Huang, University of Queensland
Ocean & Marine Engineering	University of Tasmania	Dong-Sheng Jeng, Griffith University
Operations Research	University of Sydney	Daniel Prajogo, Monash University
Power Engineering	UNSW	Zhaoyang Dong, UNSW
Quality & Reliability	RMIT	Paul Salmon, University of the Sunshine Coast
Radar, Positioning & Navigation	Curtin University	Peter Teunissen, Curtin University
Remote Sensing	Monash University	Jeffrey Walker, Monash University
Robotics	University of Wollongong	Michael Milford, Queensland University of Technology
Signal Processing	University of Sydney	Ba Tuong Vo, Curtin University
Software Systems	Monash University	Tsong Yueh Chen, Swinburne University of Technology
Structural Engineering	UNSW	Xiao-Ling Zhao, Monash University
Textile Engineering	Deakin University	Lu Sun, Deakin University
 Theoretical Computer Science	Swinburne University of Technology	Jinjun Chen, Swinburne University of Technology
Transportation	University of Sydney	Simon Washington, University of Queensland
Water Supply & Treatment	UTS	Tony Fane, UNSW