

14TH Research Symposium

FOR CHINESE PHD STUDENTS
AND SCHOLARS IN AUSTRALIA

RECONNECT FOR A
SUSTAINABLE FUTURE

Organizer:



Principal Partner:



Table of Contents

The Organising Committee	3
About CAPS Research Symposium	5
PART I - Melbourne Conference	6
Program at a Glance	6
Plenary Speaker	7
Panel Discussion.....	9
Parallel Sessions.....	13
Session 1 Biomedical, Health and Life Science	14
Session 2 Chemistry, Chemical Engineering, and Environment.....	16
Session 3 Computer Science and Information Technology	19
Session 4 Architecture, Civil and Mechanical Engineering	21
Session 5 Physics, Electronics and Communications Engineering	23
Session 6 Social Sciences, Business and Humanities	25
Career Workshop.....	28
Venues and Security	31
PART II – Suzhou Forum.....	32
Forum Full Schedule	32
Opening Ceremony Speaker	33
Keynote Speaker	35
Panel Discussion.....	42
Organiser	46
Principle Partner	47
Conference Partner.....	47
Co-organiser	48
Sponsors	49
Media Support.....	50

The Organising Committee

We would like to thank the following members of the Organising Committee for their invaluable contribution and efforts in preparing and presenting the 14th Research Symposium for Chinese PhD Students and Scholars in Australia.

General Chairs

Ms. Yuxi Li
Mr. Yang Fu
Dr. Xiaoxiao Jia

Treasurer

Ms. Feixue Yan

Master of Ceremonies

Ms. Shiran He

Moderators

Dr. Yongqiang Li
Dr. Daisy Song
Dr. Minsu Liu (Suzhou Forum)
Dr. Qijun Zheng (Suzhou Forum)
Dr. Baiqian Dai (Suzhou Forum)

Parallel Session

Coordinating Chair

Mr. Yang Fu

Session Co-chairs

Biomedical, Health and Life Science	Dr. Rong Xu	Ms. Danxi Zhu
Chemistry, Chemical Engineering and Environment	Dr. Zijun Yong	Mr. Yitong Li
Computer Science and Information Technology	Dr. Zhengyi Yang	Mr. Mingfeng Qi
Architecture, Civil and Mechanical Engineering	Dr. Nic Bao	Mr. Junli Liu
Physics, Electronics and Communications Engineering	Dr. Guiyuan Cao Dr. Linnan Jia	Dr. Fei Zhao
Social Sciences, Business and Humanities	Mr. Zhongjie Zhang Ms. Miao Hu	Ms. Caiyan Tang

Suzhou Forum Coordinator

Ms. Lei Huang

Ms. Yang Wang

Program Design

Ms. Yiwen Zhong

Ms. Yitong Wang

Media and Visual Design

Ms. Jingwen Zhou

Mr. Chao Huang

Ms. Ke Wang

Mr. Di Shao

Ms. Hao Xie (KEXIN)

Ms. Yu Fu

Mr. Zhi Li

Ms. Jiaqi Huang

Ms. Jing Wang

Website, Technical Support, and Live Stream

Mr. Di Shao

Mr. Xiaowei Xia

Event Marketing and Sponsorship

Mr. Yunhao Zhao

Mr. Junlin Lu

Ms. Na Li

On-site Group

Coordinator: Ms. Xixi Shi

Mr. Jinxing Gu

Ms. Jie Bai

Mr. Xu He

Mr. Xiaowei Xia

Ms. Ziyuan Zhao

Dr. Kaixuan Wang

Ms. Xueqing Liu

Mr. Yitong Li

Photography

Ms. Yunxi Li

Ms. Yiwen Zhong

Ms. Xinyan Xiang

Ms. Wendi Ye

Mr. Yang Yang

Volunteers

Coordinator: Mr. Xiaowei Xia

Mr. Haoxiong Sun

Mr. Xuefeng Li

Ms. Yi Yi

Ms. Boyu Yu

Ms. Yunfei Lu

Ms. Shangqi Gao

Ms. Jingyuan Xu

Mr. Zhongjie Guo

Mr. Xia Yu

Ms. Yan Feng

Ms. Zexuan Zhao

Mr. Chenghao Xu

Mr. Zhuangru Wen

Ms. Minling Huang

Ms. Yingshan Dong

Mr. Huilong Li

Mr. Xu He

Mr. Yu Zhang

Ms. Zhiyi Shen

Ms. Xinyun Zhang

Mr. Weijie Qi

Ms. Lan An

Ms. Yihan Sun

Ms. Beibei Tan

Mr. Xingsheng Qin

Ms. Yuechen Sun

Mr. Xiao Zheng

Mr. Zhicheng Liufu

Ms. Nina Zhang

Ms. Ruxue Ren

Ms. Yu Bi

Ms. Chengxian Yin

Ms. Jingyi Liang

Ms. Lan Xu

Ms. Yinu Pan

Ms. Aishi Zhang

About CAPS Research Symposium

The annual research symposium is the flagship event of CAPS Australia for fostering academic exchanges and research innovations across different disciplines among Chinese (non-exclusive) scholars and professionals in Australia. The participants include PhD students, early career scholars and distinguished professors from different universities and institutes, joining together to share and celebrate research achievements.

Since 2007, the symposium has been hosted across universities in Victoria, attracting an increasing number of participants including renowned scholars from both Australia and China. It is arguably the largest and most influential one-day multi-disciplinary academic symposium in Victoria, with over 400 attendees each year since 2016.

Acknowledging the challenges and opportunities that the COVID-19 pandemic has brought us, the theme of our research symposium this year is “Reconnect for a Sustainable Future”. We hope to stimulate discussions about cross-disciplinary research and innovation in the post-COVID era. It is our great pleasure to have you join us at this exciting symposium.



Program at a Glance

AEDT, 26 Nov 2022 (Monash University, Clayton Campus)

Details	Time (AEDT)	Sessions	Venue
Webinar ID 858 3664 1483 Passcode 504379	9:00-9:30	Registration	South 1 lecture theatre
	9:30-10:00	Opening Ceremony	
		Introduction and Welcome from CAPS Ms. Yuxi Li, President, CAPS Australia	
		Opening Remarks Mr. Zeng Jianhua, Acting Consul General, Consulate-General of The People's Republic of China in Melbourne	
		Welcome Address from Monash University Prof. Susan Elliot AM, Provost and Senior Vice-President, Monash University	
	10:00-10:45	Plenary Session 1 Prof. Huanting Wang, <i>FTSE</i> , Australian Laureate Fellow, Monash University	
	10:45-11:30	Plenary Session 2 Prof. Xin Meng, <i>FASSA</i> , Australian National University	
	11:30-12:30	Lunch	
Zoom ID for Parallel Sessions please refer to full program	12:30-14:45	Parallel session: Biomedical, Health and Life Science	LTB Room 132
		Parallel session: Chemistry, Chemical Engineering, and Environment	LTB Room 138
		Parallel session: Computer Science and Information Technology	LTB Room 121
		Parallel session: Architecture, Civil and Mechanical Engineering	LTB Room 134
		Parallel session: Physics, Electronics and Communications Engineering	LTB Room 136
		Parallel session: Social Sciences, Business and Humanities	LTB Room 137
Zoom ID 707 873 3864 Passcode:123456	14:45-15:45	Afternoon Tea and Networking	LTB Room 101&102
		Career Workshop <i>How to land your dream job in research and industry</i>	
Webinar ID 858 3664 1483 Passcode 504379	15:45-17:00	First Round of Lucky Draw	LTB G.81
		Panel Discussion	
		Topic <i>Research translation and industry engagement in the context of sustainable development goals</i> Panellists: Prof. Huanting Wang <i>FTSE</i> , Australian Laureate Fellow, Monash University Prof. Jiti Gao <i>FASSA</i> , Donald Cochrane Chair of Business and Economics at the Monash Business School, Monash University Prof. Anona Armstrong AM, Emeritus Professor, Victoria University Prof. Dong Ruan, Department Chair of Mechanical and Product Design Engineering, Swinburne University of Technology A/Prof. David Goodwin, Head of Industry & External Engagement, Victoria University Chair: Dr. Yongqiang Li, Senior lecturer, Victoria University	
	17:00-17:30	Second Round of Lucky Draw	
		Awards and Closing Ceremony	

Plenary Speaker



Prof. Huanting Wang *FTSE*
**Australian Laureate Fellow,
Monash University**

Professor Huanting Wang is an Australian Research Council (ARC) Australian Laureate Fellow in the Department of Chemical and Biological Engineering, and Director of the ARC Research Hub for Energy-efficient Separation (2022-) and Founding Director of the Monash Centre for Membrane Innovation (2018-2022) at Monash University. Prof Wang was awarded an ARC QEII Fellowship in 2004, an ARC Future Fellowship in 2010 and an ARC Australian Laureate Fellowship in 2020. He is a Fellow of The Royal Society of Chemistry (2011-), The American Institute of Chemical Engineers (2017-), and The Australian Academy of Technology and Engineering (2019-). His research focuses on membranes and nanomaterials for gas separation, water desalination, water purification, chiral separation, ion transport and separation, and electrochemical energy applications. He has co-authored over 400 journal papers (Clarivate Highly Cited Researcher) and had 11 patents licensed for commercialization, and his research has led to the establishment of three Australian startup companies (including two Monash University spin off companies). Prof Wang is an Associate Editor of Industrial & Engineering Chemistry Research and an Executive Editor-in-Chief of Advanced Membranes.

Plenary Speaker



Prof. Xin Meng FASSA
**Fellow of Australian Academy of Social Sciences,
Australian National University**

Professor Xin Meng is Professor of Economics at the Australian National University and a member of Australian Academy of Social Sciences. Xin's research spans four main themes: 1. The Chinese labour market during transition, including changes in income distribution and poverty, the impact of labour market rigidities on economic development, and the effect of economic shocks on consumption; 2. The influence of institutions and culture on gender discrimination in developing and developed countries; 3. The economic implications of rural-urban migration in developing countries and the economic assimilation of immigrants in developed countries; and 4. Economic and behavioural implications of major catastrophes, such as the impact of the Chinese famine and Cultural Revolution on life time earnings and welfare of individuals and families. Xin spent over ten years leading a major research project on the Rural-Urban Migration in China (the RUMiC). The project conducted a panel survey of rural-urban migrants for nine consecutive years (2008-2016) and the first three waves of data are available publicly. Xin's work has been published in leading journals such as Science, Review of Economic Studies, The Economic Journal, and Journal of Economic Perspectives.

Panel Discussion

Topic

Research translation and industry engagement in the context of sustainable development goals

Panellists



Prof. Huanting Wang

FTSE

Australian Laureate
Fellow,
Monash University



Prof. Jiti Gao FASSA

Donald Cochrane Chair of
Business and Economics,
Monash Business School,
Monash University



Prof. Anona Armstrong

AM

Emeritus Professor,
Victoria University,
Chair of Southern Cross
Education Institute,
CEO of Armstrong Institute



Prof. Dong Ruan

Department Chair of
Mechanical and Product
Design Engineering,
Swinburne University of
Technology



A/Prof. David Goodwin

Head of Industry &
External Engagement,
Victoria University



Moderator: Dr. Yongqiang Li

Senior lecturer,
Victoria University,
Director of Armstrong
Institute



Prof. Jiti Gao FASSA

Donald Cochrane Chair of
Business and Economics,
Monash Business School,
Monash University

Professor Jiti Gao is a Fellow of the Academy of the Social Sciences in Australia, Donald Cochrane Chair of Business and Economics at the Monash Business School, and Professor of Econometrics and Statistics in the Department of Econometrics and Business Statistics at Monash University. He is also an Elected Fellow of the International Association for Applied Econometrics and The Journal of Econometrics. Currently, he is a Co-Editor of the World Scientific Book Series on Econometrics and Statistics, and an Associate Editor of Econometric Theory, Journal of Business and Economic Statistics and Econometric Reviews.

Professor Gao builds sophisticated statistical models to analyse critical issues in climate change, energy demand, financial markets, neural networks and econometrics. The main research interests include Deep Neural Network Analysis; Financial Econometrics and Statistics; Nonlinear Econometrics and Statistics; Panel and Spatial Data Analysis; Time Series Analysis. Since January 2000, he has published two books, two book chapters and about 100 articles by leading international journals in economics, econometrics, finance and statistics. As a chief investigator, Professor Gao has been awarded eight Australian Research Council Discovery Grants since 2002, including an Australian Professional Fellow between January 2010 – December 2014.



Prof. Anona Armstrong

AM

Emeritus Professor,
Victoria University,
Chair of Southern Cross
Education Institute,
CEO of Armstrong Institute

Professor Anona Armstrong is an Emeritus Professor at the Victoria University College of Law & Justice. She holds a Doctor of Philosophy and a Graduate Diploma in Public Policy from the University of Melbourne.

Professor Armstrong is also a Past President, Fellow and Life Member of the Australasian Evaluation Society and a Fellow of the Australian Psychological Society, the Australian Institute of Company Directors and the Victorian Council of the Institute of Public Administration of Australia. She was elected a Life Fellow of Clare Hall, Cambridge University in 2005 and was invested with the Member of the Order of Australia in 2008.

She is currently Chair of the Southern Cross Education institute and CEO of Armstrong Institute. Anona has had extensive engagement with communities with regard to a power station, freeways and crime prevention and community safety. More recently is our project to review the factors affecting corporate culture in local governments.



Prof. Dong Ruan

Department Chair of
Mechanical and Product
Design Engineering,
Swinburne University of
Technology

Professor Dong (Tracy) Ruan is the Department Chair of Mechanical and Product Design Engineering at Swinburne University of Technology. Her efforts and contributions have been directed in: (1) education to equip young generations with essential knowledge and skills to be qualified engineers; (2) fundamental and applied research to provide solutions for industries; (3) leadership and service within and outside the University. These contributions are recognised nationally and internationally, and generate significant impact on both the University and broader community.

Prof. Ruan's research areas include: (1) characterisation of the mechanical properties of various materials at high strain rates and mechanical response of structures under dynamic loadings; (2) additive manufacturing of continuous fibre-reinforced composite materials and structures. She has published 240 academic papers, secured over \$20 million research grants, and supervised 38 PhD students.

Prof. Ruan is an Associate Editor of Engineering Structures, an Editorial Advisory Board member of International Journal of Impact Engineering, and Vice-secretary of International Society of Impact Engineering, and Fellow of the Institution of Engineers Australia (FIEAust). She received two prestigious national awards: Australian Museum Eureka Prize in 2013 (with DMTC team in Safeguarding Australia category) and AGM Michell Medal from the Institution of Engineers Australia in 2022.



A/Prof. David Goodwin

Head of Industry &
External Engagement,
Victoria University

Associate professor David Goodwin leads Industry and External Engagement for the Victoria University Business School. He has responsibility for ensuring VU's business programs are industry-connected and highly 'applied'. Previously, he was MBA Director and Director of JD program at RMIT. David is also a practising Barrister, having signed the Victorian Bar Roll in 2010. He maintains a commercial law practice specialising in alternative dispute resolution, international trade and maritime law. He also advises across areas such as corporations law, corporate governance and regulatory issues. Before moving to academia, David enjoyed a successful business career of more than two decades, holding senior executive roles with major publicly listed companies. He was Vice President Corporate Affairs of the global shipping company Neptune Orient Lines of Singapore (2005-10), Executive Vice President Corporate Affairs of BlueScope Steel Ltd (2000-05) and General Manager External Affairs of OneSteel Ltd (1998-2000).

His early career included periods as a corporate lawyer with the BHP Group and as Legal Manager, then General Manager New Zealand, of the Australian National Line.



Moderator: Dr. Yongqiang Li

Senior lecturer, Victoria
University,
Director of Armstrong Institute

Dr. Yongqiang Li is a Senior Lecturer in Law at Victoria University, a Director of Armstrong Institute, and a Principal Lawyer of Liz Legal. Dr. Li is Director of a university-level Research Centre on Business and Economics co-established by CUFU and VU. Dr. Li teaches and practices in IP Law, International Law, Taxation Law, Wills and Estate Planning, Family Law and Commercial Law. He has provided services to 40+ top listed companies in China and Australia on international law, governance mechanism design and regulatory compliance. He is Adjunct Professor of IP Law in universities in China and India. He has been a patron for startup business incubation, young leaders mentoring and social entrepreneurship and is actively investing in startups.

Parallel Sessions

Time	Sessions	Venue
12:30 - 14:45	Biomedical, Health and Life Science Zoom ID: 865 2237 3049 Passcode: 818830	LTB Room 132
	Chemistry, Chemical Engineering, and Environment Zoom ID: 576 568 0091 Passcode: 111111	LTB Room 138
	Computer Science and Information Technology Zoom ID: 66765 66765 Passcode: 66765 66765	LTB Room 121
	Architecture, Civil and Mechanical Engineering Zoom ID: 817 7591 9770 Passcode: 111111	LTB Room 134
	Physics, Electronics and Communications Engineering Zoom ID: 893 8337 9428 Passcode: 451258	LTB Room 136
	Social Sciences, Business and Humanities Zoom ID: 839 8486 6909 Passcode: 546024	LTB Room 137

Session 1 | Biomedical, Health and Life Science

Co-Chair: Dr. Rong Xu, Monash University

Co-Chair: Ms. Danxi Zhu, Monash University

Parallel Session (12:30–14:45)			
Oral Presentations			
Time	Speaker	Title	Institution
12:30 – 12:55	Dr. Hong-Jian Zhu*	Targeting exosomes and TGF-beta signaling in breast cancer to reduce metastasis	University of Melbourne
12:55 – 13:20	Prof. Di Yu*	What's my next research project?	University of Queensland
13:20 – 13:35	Ms. Jiaqi Sun	Should oral medication dose be adjusted in Alzheimer's disease?	University of Melbourne
13:35 – 13:50	Mr. Kaiming Li	Small-molecule modulation of BAK / BAX-mediated apoptotic cell death	University of Melbourne
13:50 – 14:05	Mr. Wuji Zhang	Robust and prototypical immune responses towards COVID-19 BNT162b2 vaccine in First Nations people	University of Melbourne
14:05 – 14:20	Ms. Lin Hsin	Accurate detection of house dust mite sensitization in asthma and allergic rhinitis with a single Cytometric Basophil assay (CytoBas)	Monash University
14:20 – 14:35	Mr. Weijie Qi	Numerical simulation of blood flow in a venous blood vessel implanted with stent-like neural interfaces	University of Melbourne
14:45 – 15:45	Afternoon tea and networking		
	Career Workshop		
15:45 – 17:00	First Round of Lucky Draw		
	Panel discussion		
17:00 – 17:30	Second Round of Lucky Draw		
	Awards and Closing Ceremony		

*Invited Speaker

Biomedical, Health and Life Science Keynote Speakers



Dr. Hong-Jian Zhu

University of Melbourne

Dr. Hong-Jian Zhu heads Cancer Signalling Research Laboratory in Department of Surgery (RMH), the University of Melbourne, Australia since 2006. He has been awarded the Boerhaave Medal/Chair Visiting Professorship with Leiden University Medical Centre in the Netherlands in 2017. After obtaining PhD in Chemistry in 1994, he started his postdoc with Ludwig Institute for Cancer Research to be a cancer biologist, where the interest in growth factor signalling has been developed. His laboratory focuses on identifying fundamental molecular events underlying biological function, specializing in the field of growth factor/cytokine signalling with a particular focus on transforming growth factor- β (TGF- β) signalling in cancer development. He leads a vibrant, cohesive research team with proven track record of publishing in high impact journals such as Nature Medicine, Nature Communications, J Clinical Investigation and Cell (H-index=48). He has published about 100 peer-reviewed articles, with an average of more than 90 citations per article. His innovative research capacity has been demonstrated through obtaining open competitive research grants (as chief investigator obtaining grants totalling more than \$12m including 7x NHMRC project grants). His international reputation is evidenced by more than 25 fully financed international conference speaker invitations.

He is the current President of Australia-Chinese Association for Biomedical Sciences (ACABS), which he and others founded in 2004. He has headed the Australia-China Biomedical Translational Research Institute (Huagene) in Nanjing since established in 2019.



Prof. Di Yu

University of Queensland

Prof. Di Yu is an Australian National Health Medical Research Council (NHMRC) Leadership Fellow and Bellberry-Viertel Senior Medical Research Fellow. He is the Chair in Paediatric Immunotherapy and the inaugural Director of Ian Frazer Centre of Children's Immunotherapy Research, Professor of Immunology and the Head of Systems and Translational Immunology Laboratory at the University of Queensland. Before joining The University of Queensland, he was a faculty at Australian National University and Monash University. He investigates T cell functional subsets in human health and disease, and applies the "Systems Immunology" approach to innovate new strategies to monitor personal immune status and control immune pathways to treat cancer, autoimmune diseases and infection. He has authored over 100 publications of basic and translational research in immunology, including Nature, Nature Immunology, Nature Medicine, and Immunity. He is a Clarivate Highly Cited Researcher.

Session 2 | Chemistry, Chemical Engineering, and Environment

Co-Chair: Dr. Zijun Yong, RMIT University

Co-Chair: Mr. Yitong Li, Swinburne University of Technology

Parallel Session (12:30–14:45)			
Oral Presentations			
Time	Speaker	Title	Institution
12:30 – 12:55	A/Prof. Chenghua Sun*	Sustainability and Opportunities	Swinburne University of Technology
12:55 – 13:20	Dr. Gang (Kevin) Li*	Hydrogen Production from the Air	University of Melbourne
13:20 – 13:45	Prof. Zongyan Zhou*	Modelling and Simulation for Laser Metal Additive Manufacturing Process	Jiangxi University of Science and Technology
13:45 – 14:00	Ms. Fenge Lin	Hierarchically Oriented Jellyfish-like Gold Nanowires Film for Electronics	Monash University
14:00 – 14:15	Mr. Junlin Lu	Layer number dependent exciton dissociation and carrier recombination in 2D Ruddlesden–Popper halide perovskites	Swinburne University of Technology
14:15 – 14:30	Ms. Wenli Bai	Synergetic adsorption-photocatalysis process of titania-silica photocatalysts and their immobilization on PEEK nonwoven filter for VOC removal	Deakin University
14:30 – 14:45	Ms. Siyuan Liu	A Soft and Stretchable Electrochemical Biosensor for Real-time Probing Cellular Redox Homeostasis	Monash University
14:45 – 15:45	Afternoon Tea and Networking		
	Career Workshop		
15:45 – 17:00	First Round of Lucky Draw		
	Panel Discussion		
17:00 – 17:30	Second Round of Lucky Draw		
	Awards and Closing Ceremony		

*Invited Speaker

Chemistry, Chemical Engineering, and Environment

Keynote Speakers



A/Prof. Chenghua Sun

Swinburne University of
Technology

Dr. Chenghua Sun is Associate Professor at the Swinburne University of Technology. Dr. Sun graduated from Chinese Academy of Sciences in 2007 and then joined the University of Queensland as postdoc fellow. In 2013, Dr. Sun joined the School of Chemistry, Monash University as a lecturer and established his group on Computer-Aided Catalyst Design. Later, Dr. Sun was awarded ARC Future Fellow and joined Swinburne University of Technology in 2017. His research focuses on catalyst design for clean energy and environment applications, particularly for ammonia synthesis at room temperature, efficient methane combustion and biomass conversion. To date, Dr. Sun has published over 260 peer-reviewed journal papers in top-tier journals such as Nature, Nature Materials, Angewandte Chemie International Edition, Journal of the American Chemical Society, and Advanced Energy Materials, totally attracting over 20,000 citations with an H-index of 62.



Dr. Gang (Kevin) Li

University of Melbourne

Dr. Gang (Kevin) Li is a senior lecturer at the University of Melbourne. He obtained his Bachelor's and Master's degree from Tianjin University, and PhD (2010) in pressure swing adsorption technologies at Monash University. He received the ARC Discovery Early Career Researcher Award (DECRA) in 2013, Western Australia Innovator Of The Year prize, Exxon Mobile Award of Excellence in Chemical Engineering, and the ATSE David and Valerie Solomon Prize. He has more than 100 publications including Nature, Nature Comms, JACS, and AIChE J, and over 30 patents in the areas of adsorption-based enrichment coal bed methane, CO₂ capture and reduction, natural gas treatment and hydrogen production. His research has led to multiple spin-out companies to commercialize his inventions.



Prof. Zongyan Zhou

Jiangxi University of Science
and Technology

Dr. Zongyan Zhou is a Professor and a Vice head of International Institute for Innovation at Jiangxi University of Science and Technology, an Adjunct Professor at Monash University, and a Vice director of ARC Research Hub for Computational Particle Technology. His research expertise is in modelling and simulation of granular dynamics and multiphase flow and heat transfer in mineral, metallurgical and manufacturing industries. His significant contributions in the powder research community include theoretical developments of advanced modelling approach such as CFD-DEM, discrete approach for multiphase heat/mass transfer, non-spherical particles, and metal additive manufacturing. Prof. Zhou has successfully won many major research grants, and published more than 170 papers, totally attracting over 7,700 citations with an H-index of 35. He has delivered many invited and keynote presentations and organized several mini-symposiums in international conferences and workshops, and also organized many conferences as secretary, organizer and committee members.

Session 3 | Computer Science and Information Technology

Co-Chair: Dr. Zhengyi Yang, University of New South Wales

Co-Chair: Mr. Mingfeng Qi, Swinburne University of Technology

Parallel Session (12:30–14:45)	Oral Presentations		
Time	Speaker	Title	Institution
12:30 – 12:55	Prof. Zhifeng Bao*	Making Geospatial Data Usable for Social and Urban Good	RMIT University
12:55 – 13:20	Dr. Xingliang Yuan*	Practical Secure Computation Techniques for Privacy-preserving Machine Learning as a Service	Monash University
13:20 – 13:35	Dr. Jiao Yin	Knowledge-Driven Cybersecurity intelligence: Software Vulnerability Co-exploitation Behaviour Discovery	Victoria University
13:35 – 13:50	Dr. Zhuowei Wang	Collaborative intelligence: a framework for noisy label learning for semi-supervised learning	University of Technology Sydney, CSIRO
13:50 – 14:05	Mr. Zehang Deng	A comprehensive survey on efficient training for deep neural networks	Monash University
14:05 – 14:20	Mr. Rongjun Chen Zhang	Dynalogue: A Transformer-Based Dialogue System with Dynamic Attention	Swinburne University of Technology
14:20 – 14:35	Mr. Yifu Tang	Reliable Community Search in Dynamic Networks	Deakin University
14:45 – 15:45	Afternoon Tea and Networking		
	Career Workshop		
15:45 – 17:00	First Round of Lucky Draw		
	Panel Discussion		
17:00 – 17:30	Second Round of Lucky Draw		
	Awards and Closing Ceremony		

***Invited Speaker**

Computer Science and Information Technology

Keynote Speakers



Prof. Zhifeng Bao

RMIT University

Zhifeng Bao received his Ph.D. in Computer Science from National University of Singapore. He is a Professor of the School of Computing Technologies in RMIT University and an Honorary Senior Fellow in The University of Melbourne. His research interests include data management and data mining. He serves as an Associate Editor of PVLDB and ACM Transactions on Spatial Algorithm and Systems. He was a recipient of the Chris Wallace Award for Outstanding Research and Google Faculty Research Awards. Currently, he co-directs the RMIT Research Centre for Information Discovery and Data Analytics.



Dr. Xingliang Yuan

Monash University

Xingliang Yuan is currently a Senior Lecturer at the Department of Software Systems and Cybersecurity in the Faculty of Information Technology, Monash University, Australia. He is the program director for Master of Cybersecurity at Monash. His research interests are in the areas of machine learning security and privacy, secure networked system, confidential computing, and data security and privacy. His research has been supported by Australian Research Council, CSIRO Data61, and Oceania Cyber Security Centre. In the past few years, his work has appeared in prestigious venues in cybersecurity, computer networks, and distributed systems, such as ACM Conference on Computer and Communications Security (CCS) and the Network and Distributed System Security Symposium (NDSS). He is the sole recipient of the Dean's Award for Excellence in Research by an Early Career Researcher in 2020 and the recipient of the Faculty Teaching Excellence Award (citation for outstanding contribution to student learning) in 2021.

Session 4 | Architecture, Civil and Mechanical Engineering

Co-Chair: Dr. Nic Bao, RMIT University

Co-Chair: Mr. Junli Liu, RMIT University

Parallel Session (12:30–14:45)			
Oral Presentations			
Time	Speaker	Title	Institution
12:30 – 12:55	Prof. Xiaodong Huang*	Topology optimization: methods and applications	Swinburne University of Technology
12:55 – 13:20	A/Prof. Rebecca Yang*	Distributed solar energy applications in buildings and communities	RMIT University
13:20 – 13:35	Mr. Tao Xu	Buckling-constrained structural optimisation	RMIT University
13:35 – 13:50	Mr. Jin Liu	Projected wave climate of Bass Strait and south-east Australia by the end of the twenty-first century	University of Melbourne
13:50 – 14:05	Ms. Dan Meng	Post-carbon society and post-mining sites: post-mining landscape regenerative strategies in the Hunter Valley, Australia	University of New South Wales
14:05 – 14:20	Mr. Zhuohua Tan	Tradition Reinterpretation	RMIT University
14:20 – 14:35	Mr. Vuong Nguyen-Van	Mechanical performance of hollow 3D-printed concrete beams reinforced with fibres	RMIT University
14:45 – 15:45	Afternoon Tea and Networking		
	Career Workshop		
15:45 – 17:00	First Round of Lucky Draw		
	Panel Discussion		
17:00 – 17:30	Second Round of Lucky Draw		
	Awards and Closing Ceremony		

***Invited Speaker**

Architecture, Civil and Mechanical Engineering Keynote Speakers



Prof. Xiaodong Huang

Swinburne University of
Technology

Prof. Xiaodong Huang is the Professor of Engineering Mechanics in School of Engineering, Swinburne University of Technology. He received the Master degree from Shanghai Jiao Tong University, China, in 1999 and Ph.D. from Swinburne University of Technology, in 2004. Thereafter, he joined RMIT University and moved to Swinburne in 2017. Over his academic career, Dr. Huang has won a number of awards: RMIT Research Award, ARC APD fellowship; Early-Career Research Award by the Australian Academy of Science; RMIT Teaching Award; and ARC Future Fellowship.

Prof. Huang's research mainly focused on topology optimization and its multidisciplinary applications. He is the innovator of the modern bi-directional evolutionary structural optimization (BESO) method (Finite Elements in Analysis and Design 43(14), pp 1039-1049, 2007), and the floating projection topology optimization (FPTO) method (Advances in Engineering Software, 151, 102942, 2021). So far, he has authored one monograph and more than 160 SCI journal articles with over 9,000 citations. His research has been funded by ARC and various industries.



A/Prof. Rebecca Yang

RMIT University

Dr. Rebecca Yang is an Associate Professor in School of Property, Construction and Project Management, RMIT University. She has developed a strong and passionate commitment to industry-focused research and teaching. Her research resonates with RMIT's vision of transforming the built environment to create sustainable and resilient cities, and her current research focuses on solar energy applications in buildings, and construction innovation.

She actively represents Australia as an Expert in the International Energy Agency (IEA) collaborative programs: she is the Australian lead in the Photovoltaic Power Systems Programme (PVPS) Task 15 Enabling Framework for the Development of BIPV (<https://apvi.org.au/pvps-task-15/>), and the Solar Heating and Cooling Programme (SHC) Task 66 Solar Energy Buildings. Her leadership role within these programs has provided great experiences working with lead researchers within Australia and internationally.

Dr. Yang is a member of the National Mirror Committee for International Electrotechnical Commission (IEC) TC 82 Solar photovoltaic energy systems by Standards Australia, represents Australia to the development of an international standard IEC 63092 BIPV, reviews and comments on new proposed standards under IEC TC 82. With a background in building and construction and eight years' experience in BIPV, she is uniquely placed to forge new directions in this field, combining sophisticated building design and modelling process and techniques with an understanding of BIPV features. She has established Solar Energy Application Lab at RMIT and lead many academics, research students and research assistants from multiple in projects to support energy transformation through greater solar adoption in the building sector and the urban environment.

Session 5 | Physics, Electronics and Communications Engineering

Co-Chair: Dr. Guiyuan Cao, Swinburne University of Technology

Co-Chair: Dr. Fei Zhao, RMIT University

Co-Chair: Dr. Linnan Jia, Swinburne University of Technology

Parallel Session (12:30–14:45)	Oral Presentations		
Time	Speaker	Title	Institution
12:30 – 12:55	A/Prof. James Chon*	High order fluorescence correlation spectroscopy of plasmonic nanoparticles for cancer cell imaging	Swinburne University of Technology
12:55 – 13:20	Dr. Haoran Ren*	Nanophotonics with a twist	Monash University
13:20 – 13:35	Dr. Ling Zhang	Fiber-based single aerosol optical trapping and manipulations	RMIT University
13:35 – 13:50	Mr. Danli Peng	Surface acoustic wave enhanced effective diffusion in axon-scale microchannels	University of Melbourne
13:50 – 14:05	Mr. Yan Lu	Pd-Conformally Coated, One-end-embedded Gold Nanowire Percolation Network for Intrinsically Stretchable, Epidermal Tattoo Fuel Cell	Monash University
14:05 – 14:20	Mr. Molong Han	Nanoparticle array by laser fabrication	Swinburne University of Technology
14:45 – 15:45	Afternoon Rea and Networking		
	Career Workshop		
15:45 – 17:00	First Round of Lucky Draw		
	Panel Discussion		
17:00 – 17:30	Second Round of Lucky Draw		
	Awards and Closing Ceremony		

***Invited Speaker**

Physics, Electronics and Communications Engineering Keynote Speakers



A/Prof. James W. M. Chon

Swinburne University of
Technology

James W. M. Chon obtained his BSc (Hon) in Physics and Ph.D. from the University of Melbourne, Australia. He joined Centre for Micro-Photonics at Swinburne University of Technology as a postdoctoral research fellow in 2001, he then subsequently became Lecturer (2004), Senior Lecturer (2006) and Associate Professor (2013) at Swinburne. He is currently an Honours and HDR Program coordinator at Department of Physics and Astronomy and leads Optical Nanoparticle Spectroscopy (ONSPA) group, Optical Sciences Centre at Swinburne. A past Australian Research Council Future Fellow (2012 - 2016), his research interests are in metallic and semiconductor nanoparticle fabrication, nonlinear spectroscopy and applications.



Dr. Haoran Ren

Monash University

Dr. Haoran Ren is an ARC DECRA Fellow at the School of Physics and Astronomy at Monash University. His nanophotonic research aims to develop advanced optical materials and nanotechnology for both fundamental light-matter interactions and broad photonic applications. Dr. Ren received a PhD in Optical Engineering from Swinburne University of Technology in 2017. He was a postdoc at RMIT University from 2017 to 2018. In October 2018, Dr. Ren took a Victoria Fellowship to visit the National Centre for Scientific Research (CNRS) in France. In 2019, Dr. Ren was awarded a Humboldt Postdoctoral Research Fellowship and relocated his research to Ludwig Maximilian University of Munich in Germany. Dr. Ren started a Macquarie University Research Fellowship (MQRF) at Macquarie University in 2021, through which he moved his research back to Australia. Dr. Ren won a 2022 Discovery Early Career Researcher Award (DECRA) from the Australian Research Council. Dr. Ren holds a Honorary Research Fellow position at the School of Mathematical and Physical Sciences at Macquarie University. He is an Associate Investigator for the ARC Centre of Excellence for Transformative Meta-Optical Systems (TMOS).

Session 6 | Social Sciences, Business and Humanities

Co-Chair: Mr. Zhongjie Zhang, University of Melbourne

Co-Chair: Ms. Caiyan Tang, University of Sydney

Co-Chair: Ms. Miao Hu, Ausintelli technology

Parallel Session (12:30–14:45)	Oral Presentations		
Time	Speaker	Title	Institution
12:30 – 12:55	Prof. John Newman*	Eat, drink, man, woman: Basic categories in language and cognition	Monash University
12:55 – 13:20	Dr. Sophia Duan*	Riding the Waves of the COVID-19 Pandemic in Re-Thinking Digital Transformation in Small and Medium-Sized Enterprises	RMIT University
13:20 – 13:45	Dr. Catherine Lou*	What is social Procurement and how can we do it better	Victoria University
13:45 – 14:00	Mr. You Zhou	Teacher support as a violence-facilitator in authoritarian families? A moderated moderation model of maltreatment-bullying transmission in China	Monash University
14:00 – 14:15	Ms. Nuan Song	A Case Study of Negotiations on a Thai Railway Project—A Governance Perspective on China's Belt and Road Initiative	Monash University
14:15 – 14:30	Ms. Mengni (Melody) Tang	Exploring Chinese International Graduates' Employability in Australia using a capitals-based approach	Monash University
14:30 – 14:45	Ms. Ying Zhang	The Yin-Worship Philosophy in Tao Te Ching: Based on the Conceptual Metaphors of Tao	Guangdong University of Foreign Studies, Monash
14:45 – 15:45	Afternoon Tea and Networking		
	Career Workshop		
15:45 – 17:00	First Round of Lucky Draw		
	Panel Discussion		
17:00 – 17:30	Second Round of Lucky Draw		
	Awards and Closing Ceremony		

***Invited Speaker**

Social Sciences, Business and Humanities Keynote Speakers



Prof. John Newman

Monash University

Professor John Newman is a Fellow of the Royal Society of Canada and a Fellow of the Australian Academy of the Humanities. He holds the position of Professor Emeritus in the Department of Linguistics, University of Alberta and is currently Adjunct Research Fellow at the School of Languages, Literatures, Cultures & Linguistics, Monash University. He has taught at Monash University, Tsinghua University (Taiwan), Massey University (New Zealand), National Chengchi University (Taiwan), and Nanyang Technological University (Singapore) and served as Chair, Department of Linguistics, University of Alberta (Canada) from 2002 to 2011. His research interests include cognitive linguistics, corpus linguistics, and typology. His publications cover English and German historical linguistics, Mandarin and Chinese dialects, Austronesian, and Papuan. He has carried out fieldwork in Sarawak (Malaysia), Manus Island (Papua New Guinea) and Alberta (Canada). He served as Editor-in-Chief of the journal *Cognitive Linguistics* (2014-2019).



Dr. Sophia Duan

RMIT University

Dr. Sophia Duan is a Senior Lecturer and Deputy Head of Department, Information Systems and Business Analytics in the School of Accounting, Information Systems and Supply Chain at RMIT University. Her research focuses on the intersection between the social and technical aspects of digital technology, looking at the effective use of digital technology for digital transformation in business and society. She is particularly interested in conducting impactful research that has practical significance to the sustainable development of society for a better digital future. Sophia published more than 60 articles in high-quality peer-reviewed academic outlets. She has attracted over \$250K national and international competitive research funding to support her research activities. Sophia has recently been named as one of the "Top 25 Analytics Leaders in Australia" by the Institute of Analytics Professionals of Australia - the only analytics association in Australia.



Dr. Catherine Lou

Victoria University

Dr. Catherine Lou is a Senior Lecturer in supply chain and logistics, Victoria University Business School; Research leader in Business at Institute for Sustainable Industries & Liveable Cities; Victoria University, Australia. Her current research interests cover supply chain optimisation and sustainability, social procurement, visitor economy supply chain, international students' wellbeing, industry's inclusion and diversity. Dr. Lou recently published a book in Supply Chain Management and Corporate Governance Artificial Intelligence, Game Theory and Robust Optimisation by a leading publisher Routledge. She has led/co-led research projects funded by Department of Foreign Affairs and Trade, Australian Government (DFAT), state government, Victoria University and industry partners.

Dr. Lou was awarded as the Young Professional of the Year in 2018 by the Chartered Institute of Logistics and Transport Australia; Excellence in Research (Individual - Early Career) by Victoria University Business School in 2021. She is the current Australian Chair/Global Vice Chair (Australasia) for Women in Logistics and Transport; National Council Member for the Chartered Institute of Logistics and Transport Australia.

Career Workshop

Theme

How to land your dream job in research and industry

Panellists



Dr. Meiling Han

ARC DECRA Fellow,
Monash University



Dr. Emma Xu

Business Development
Associate,
Monash University



Mr. Jacky Sun

Principal Career
Strategist and Founder,
Best Way Career



Moderator:

Dr. Daisy Song

Research Scientist,
CSL Behring



Dr. Meiling Han

ARC DECRA Fellow,
Monash University

Dr. Meiling Han is an Australian Research Council (ARC) DECRA fellow who is doing her research in antimicrobial resistance at Monash Biomedicine Discovery Institute. She completed her PhD in antimicrobial systems pharmacology at Monash Institute of Pharmaceutical Science in 2018. Over the past four years, she has supervised 3 PhD, one master's and one honours students to completion, and secured numerous grants and awards such as the Rod Rickards Fellowship from the Australian Academy of Science, the AINSE Early Career Research Grant, and the FMNHS Faculty Bridging Postdoctoral Fellowship. Recently, she was appointed as Vice Chair for the 2023 Gordon Research Seminar in Metabolomics (Italy) and Chair of the Science Communication Subcommittee at Monash BDI ECR Committee. She has also achieved a productive research output evidenced by 49 peer-reviewed publications (13 first and 2 corresponding author) in high-impact journals (e.g., Nat Commun, Nat Microbiol, Adv Sci).



Dr. Emma Xu

Business Development
Associate,
Monash University

Dr. Emma Xu has a PhD in Pharmaceutical Sciences from Monash University. Her work experience includes positions in consulting, education, research and business development.

Emma started her career at a medical consulting company serving big pharma on marketing and medical affairs after completing her Master study. Later she worked at university lecturing Pharmaceutical Science courses where she ran a research lab and supervised students.

Emma then moved to Australia to complete her PhD degree and then worked at an ASX-listed pharmaceutical company. Emma now is a business development associate at Monash University, supporting industry engagement and research collaboration.



Mr. Jacky Sun

Principal Career Strategist
and Founder,
Best Way Career

Mr. Jacky is a Senior Commercial Strategy professional at a US Fortune 500 company. He has worked in top global companies including Daimler, Porsche, DiDi Chuxing in the past years both in Australia and overseas. Jacky is also a Career Strategist specialised in career coaching, Fortune 500 job application services, resume editing, mock interview techniques, job description analysis, career transition management, recruitment agency services and local internship opportunities.

Jacky has been coaching graduates and experienced professionals for more than 5 years. His mission is to help job seekers build confidence, understand local job market and interpret hiring managers' requirements. He was also an Alumni Mentor at Monash Business School since 2015. Jacky obtained his Bachelor of Commerce at Macquarie University and Master of Business Law at Monash University. He is also a qualified CPA.



Moderator:

Dr. Daisy Song

Research Scientist,
CSL Behring

Dr. Danzi (Daisy) Song is a biotech scientist and entrepreneur. Daisy obtained her PhD in chemical and biomolecular engineering from the University of Melbourne and her research interest is drug and vaccine development for the treatment of rare diseases. She is currently a research scientist at CSL, specialising in biologics formulation. Prior to joining CSL, Daisy has worked in several research institutes including Monash Institute of Pharmaceutical Sciences and Tokyo University. Her contribution in science has been recognized by multiple academic and industry awards including CSL Impact Award in 2019 and Science and Innovation Silver Prize in 2020. She was also the co-founder of a medtech startup and worked as the consultant of a venture capital firm. Daisy's career ambition is to become a venture capitalist specialised in biotech and life science technologies.

Venues and Security



- 19 Learning and Teaching Building (LTB)
- 43 South One Lecture Theatre
- ★ Public and CAPS Shuttle Buses Pick-up/Drop off Points
- P Car Parking

*Visitor, blue and red permit zones are free on Saturday (no need to start on cellopark)

Monash University Campus Security

Security officers are available on the day of the symposium. Call **9902 7777** or visit security office at **Ground floor, Building 6, 29 Ancora Imparo Way** for any assistance. Subject to availability, a security officer can accompany you to your vehicle or another location on campus whenever you do not feel comfortable making the trip alone.

Forum Full Schedule

CST, 03 Dec 2022 (Monash University, Suzhou Campus*)

Time			
9:00 – 9:30	Registration		Chair
9:30 – 9:50	Opening Ceremony		Dr. Minsu Liu
	Welcome Speech Prof. Aibing Yu, Member of the Australian Academy of Sciences, Member of the Australian Academy of Engineering and Foreign Member of the Chinese Academy of Engineering		
	Opening Remarks Dr. Yunfeng Li, General Manager of CNPIEC Kexin Co., Ltd		
	Introduction and Welcome from CAPS Ms. Yuxi Li, President of CAPS		
Keynote Speech			
Time	Keynote Speaker	Presentation Title	Chair
9:50-10:15	Prof. Duo Wu, Executive Head of School of Chemical and Environmental Engineering, Soochow University	Catalytic ozonization technology for the treatment of highly concentrated and refractory industrial organic wastewater	Dr. Qijun Zheng
10:15-10:40	Prof. Xiaolei Fan, The University of Manchester	My journey to rational design of catalysts for non-thermal plasma catalysis	
10:40 -10:50	Group Photo		
10:50-11:00	Tea Break		
Time	Keynote Speaker	Presentation Title	Chair
11:00-11:20	Prof. Tianyi Ma, ARC Future Fellow, RMIT University	Advanced Catalysis for Renewables Refinery	Dr. Baiqian Dai
11:20-11:45	Prof. Xinbo Yang, SooChow University	Wide bandgap metal compound-based passivating contacts for silicon solar cells	
11:45-12:00	Dr. Yun Zhao, CNPIEC Kexin Co., Ltd	Improving the efficiency of teaching and research: new solutions	
12:00-13:00	Lunch Break		
Time	Keynote Speaker	Presentation Title	Chair
13:00-13:25	Prof. Zhenbo Tong, Southeast University	The application of multiphase flow on drug delivery and medical research	Dr. Minsu Liu
13:25-13:50	Prof. Guoping Hu, Ganjiang Innovation Academy, Chinese Academy of Sciences	Simulation of pressure-sensitive adsorption process to methane capture	
13:50-14:15	Dr. Hai Yu, Principal Research Scientist of CSIRO Energy	Sustainable carbon mining - Integrated capture and conversion	

14:15-14:25	Tea Break		
Time	Keynote Speaker	Presentation Title	Chair
14:25-14:50	Prof. Zhen Song, East China University of Science and Technology	Screening design of a new green medium for separation and reaction process enhancement	Dr. Qijun Zheng
14:50-15:15	Prof. Feng Gu, Jiangxi University of Science and Technology	Aerosol jet printing: from microdroplet to Advanced manufacturing	
15:15-15:40	Dr. Peng Li, Swinburne University of Technology	Support Engineering for Promoting H2 Production and Utilization	
15:40-16:05	A/Prof. Yi Chen, Southeast University	Hierarchically Assembled Plasmonic Nanoarchitectures for Biosensing	
Panel Discussion			
Time	Panel Members	Discussion Topic	Chair
16:05-17:00	Prof. Duo Wu, Executive Dean, School of Chemical and Environmental Engineering, Soochow University Prof. Longxiang Gao, Professor and Director of Edge Intelligence Computing Lab at Shandong Computer Science Center A/Prof. Sifei Han, School of Pharmacy, China Pharmaceutical University Dr. Yunfeng Li, CEO and director of CNPIEC Kexin Co.,Ltd	- The Path to Academic Growth and Development of Young Scholars - The Entrepreneurship and Innovation of Overseas Returnees in the New Era	Dr. Minsu Liu
17:00-17:20	Awards and Closing Ceremony		Dr. Baiqian Dai

*Access to online Zoom requires registration

Opening Ceremony Speaker



Prof. Aibing Yu

**Member of the Australian Academy of Sciences,
Member of the Australian Academy of Engineering,
Foreign Member of the Chinese Academy of Engineering**

As the President, Professor Yu leads the Monash Suzhou campus which is a joint venture with Southeast University (SEU). Monash is the first and thus far, the only Australian university who has got the approval from the Chinese Government to establish a postgraduate research school in China. The joint venture is composed of a SEU-Monash Joint Graduate School and a Joint Research Institute and provide a research hub for about 1,500 research students, aiming to become a world-class research and training centre in China.

He is a world-leading scientist in particle/powder technology and process engineering, has authored/co-authored >1000 publications (including more than 750 articles collected in the ISI Web of Science), organised numerous international conferences, attracted > \$75M external funds mainly via various competitive funding schemes (>60 ARC DP/LP/LIEF grants), graduated >40 postdoc fellows and >100 PhD, and delivered many plenary/keynote presentations at different international conferences. He is Editor-in-Chief, Handbook (a book series) of Powder Science and Engineering (2014-), Executive Editor, Powder Technology (2013-), Granular Matter (2018-), and Particuology (2008-13), while guest-editing for a number of journals and on the editorial/advisory boards of about 20 learned journals.

Keynote Speech

Keynote Speaker



A/Prof. Yi Chen

Southeast University

Yi Chen received his B.Eng. from East China University of Science and Technology in 2007, and M.Sci. from Shanghai Jiao Tong University in 2010. In 2014, he earned his PhD from Monash University with Prof. Wenlong Cheng, and then joined Southeast University. He is currently an associate professor and PhD supervisor at School of Biological Science and Medical Engineering, Southeast University. His research interest lies at the Plasmonic/magnetic Nanoarchitectures, particularly flexible plasmonic/magnetic superlattices/nanoassemblies for ultrasensitive detection/sensing, e-skin-based flexible and wearable electronics, and nanoparticle/polymer composites for injectable and implantable bioelectronics.



Prof. Xiaolei Fan

The University of
Manchester

Xiaolei Fan is a researcher with 15-year experience in porous materials, heterogeneous catalysis (including plasma catalysis), reaction engineering and process intensification. He received his PhD in Chemical Engineering from the University of Bath in 2010. From 2010 to 2013, he took the postdoctoral positions at the University of Warwick and University of Cambridge, and now a faculty member at The University of Manchester. He is the elected Fellow of Royal Society of Chemistry and Higher Education Academy and Ministry of Education Distinguished Professor of Changjiang Scholars. His research was recognised internationally with several awards such as the Chinese Academy of Sciences Lee Hsun Young Scientist Lecture award on Materials Sciences (2018), RSC Emerging Investigators (2019), ACS I&EC Research 2020 Influential Researchers (2020) and International Award for Outstanding Young Chemical Engineer (2022).



Prof. Feng Gu

Jiangxi University of Science
and Technology

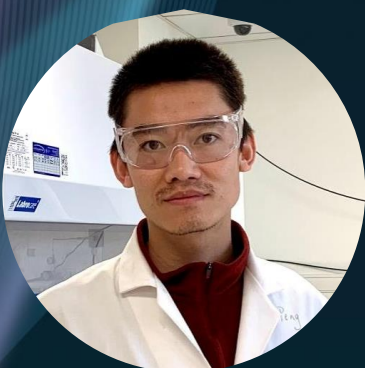
Feng Gu is a professor in International Institute for Innovation and the Director of the Laboratory of Advanced Materials & Manufacturing (LAMM) at Jiangxi University of Science and Technology. After receiving his Ph.D. in materials science and engineering from Shandong University in 2005, Gu joined East China University of Science and Technology (ECUST) in Shanghai as an assistant/associate professor. During 2009-2016, he conducted his postdoctoral research at Ludwig-Maximilians-Universität München (LMU) and Nanyang Technological University (NTU). He is also a founder and CEO of WE Electronics commercializing high-precision printing solutions. His research exploits process manufacturing advanced materials and devices for applications in energy and optoelectronics.



Prof. Guoping Hu

Ganjiang Innovation Academy,
Chinese Academy of Sciences

Guoping Hu is a researcher focusing on chemical separations with absorption, adsorption and solvent extraction. He earned his PhD in Chemical Engineering from the University of Melbourne in 2018. He then worked as a postdoc at the University of Melbourne and the University of Western Australia from 2018 to 2022. He recently moved to the Ganjiang Innovation Academy, Chinese Academy of Sciences. He has published 40 papers in journals including Nature, Nat Commun, AIChE J etc.



Dr. Peng Li

ARC DECRA Fellow,
Swinburne University of
Technology

Dr. Peng Li is an ARC DECRA Fellow at Swinburne University of Technology and a Postdoctoral Researcher between RMIT University and CSIRO for a joint project “Low-cost electrolysis of seawater and CO₂ for co-production of renewable fuel and hypochlorite” under the mentorship of ARC Future Fellow Prof. Tianyi Ma. Dr. Li received his PhD degree under the supervision of Distinguished Prof. Shi Xue Dou from the Institute for Superconducting & Electronic Materials at the University of Wollongong in 2021. In June 2021, he joined as a Research Fellow at Swinburne University of Technology. Later, he became a postdoctoral researcher between RMIT University and CSIRO. In 2022, he won a Discovery Early Career Researcher Award (DECRA) from the Australian Research Council. His current research focuses on the rational development of efficient materials and the fundamental understanding of electrochemical processes for electrocatalysis and fuel cells. To date, he has successfully published more than 70 papers, such as Chemical Society Reviews, Energy & Environmental Science, Advanced Materials, Advanced Functional Materials, Energy Storage Materials, Nano Energy, and Advanced Energy Materials, totally attracting over 2,500 citations with an H-index of 26.



Prof. Tianyi Ma

ARC Future Fellow,
RMIT University

Tianyi Ma has multi-national, multi-university experience at several world's top universities. He obtained his PhD from Nankai University, one of the top universities in China. Then he worked in University of Adelaide, University of Newcastle, and Swinburne University of Technology across different states of Australia. He is now a Full Professor in School of Science at RMIT University. He was awarded Australian Research Council (ARC) Discovery Early Career Researcher Award (DECRA) in 2014 and ARC Future Fellow in 2021, both highly competitive fellowship schemes indicating his outstanding academic achievement. He was awarded Fellow of Royal Society of Chemistry (FRSC) in 2021, which is a prestigious honour to those who must have made an outstanding contribution to the advancement of chemical sciences.

He is a world-leading scientist in renewable energy field, with pioneering work conducted in areas of functional photocatalytic, electrocatalytic, thermocatalytic and piezocatalytic materials for renewable solar, mechanical and thermal energy harvesting and utilisation, as well as carbon capture, utilisation and storage (CCUS); these processes are further incorporated into his developed next-generation high-performance battery and supercapacitor based energy storage devices.



Prof. Zhen Song

East China University of
Science and Technology

Zhen Song is Professor of Chemical Engineering at East China University of Science and Technology (ECUST), Shanghai/China. He received his Bachelor's degree from Shandong University, Jinan/China at 2011 and obtained his PhD degree from ECUST in 2017. He has more than four years of experience as a post-doctoral researcher and research fellow at the Max Planck Institute for Dynamics of Complex Technical Systems and Otto-von-Guericke University Magdeburg. His central research interest is to develop more effective and more sustainable chemical processes by using neoteric solvents (e.g., ionic liquids, deep eutectic solvents, hybrid solvents). He uses a combination of experimental, molecular simulation, and machine learning to establish multiscale approaches for the rational screening and design of neoteric solvent toward given processes. So far, he has published more than 50 peer-reviewed journal articles and leaded several high-quality research funds including the National Natural Science Fund for the Excellent Young Scientists (Overseas).



Prof. Zhenbo Tong

Southeast University

Prof. Zhenbo Tong, born in Harbin (Heilongjiang Province, China), is a Distinguished Professor of Jiangsu Province at Southeast University-Monash University Joint Graduate School. He received his B.S and M.S. degrees from Harbin Institute of Technology (Harbin, China) and Ph.D. degree from the University of New South Wales (Australia). After brief stints as an Assistant Professor at the School of Bio-Applications and System Engineering, Tokyo University of Agriculture and Technology (Japan), he was appointed to Southeast University-Monash University Joint Graduate School as a Professor in 2015. His main research interests are mechanistic study and applications of inhalation formulations. He has led several inhalation formulation related R&D projects in Australia, Japan and China, and his research projects are supported by Australian Research Council (ARC), US Food and Drug Administration (FDA), Japan Society for the Promotion of Science (JSPS), Japan Science and Technology Agency (JST), and National Natural Science Foundation of China (NSFC), etc.



Prof. Duo Wu

Executive Head of School of
Chemical and Environmental
Engineering,
Soochow University

Dr. Duo (Winston) Wu is currently a professor in Chemical Engineering and Executive Head of School of Chemical and Environmental Engineering, Soochow University. Dr. Wu received Bachelor Degree in Metallurgical Engineering at Central South University (2005), Master Degree in Biomedical Engineering at The University of Melbourne (2007), and Ph.D (2010) and Postdoctoral research training in Chemical Engineering at Monash University until early 2013 when he joined Soochow University. He is the member of AIChE, Chinese Society of Particuology, Chinese Society for Environmental Science, and Vice Chairman of the Council of Chemical Engineering and Technology Discipline Alliance of Universities in Jiangsu, etc. Dr. Wu was the President of Association of Victoria Chinese PhD and Young Scholars (currently named as The Chinese Association of Professionals and Scholars, Australia) in 2010.

Dr. Wu's R&D interest mainly lies in functional particle micro/nano structure design, manipulation and product development, chemical process engineering and equipment design, new spray granulation technology development, in the field of inhalable pharmaceutical powder for pulmonary and nasal delivery, advanced oxidation catalyst and reactor, etc. He has published over 80 papers in peer-reviewed journals, and granted 3 US and 11 Chinese invention patents. In the last 5 years as PI he has led 6 national and provincial government funded research projects and more than 10 R&D collaboration projects with industry partners, with total funding over 20 million RMB.



Prof. Xinbo Yang

College of Energy,
SooChow University

Prof. Xinbo Yang is now with the College of Energy, Soochow University. He holds a Ph.D. degree from the Shanghai Institute of Ceramics, Chinese Academy of Sciences in 2010. From April 2010 to October 2020, he was a JSPS Fellow in Tohoku University (Japan), an ARENA Fellow in the Australian National University and a research scientist in the King Abdullah University of Science and Technology, working on the solar energy materials and solar cells. He has published > 80 papers in peer reviewed journals and authorized 5 patents, with a total citation of > 3000, presented 10 oral presentations on international PV conferences, and involved > 10 solar cell related projects in China, Japan, Australia and Saudi Arabia as PI or key members. His research interest is focused on the development of high-performance solar energy materials and devices, especially high efficiency crystalline silicon solar cells and perovskite/silicon tandem devices.



Dr. Hai Yu

Principal Research Scientist,
CSIRO Energy

Dr Hai Yu is a principal research scientist and a team leader with CSIRO Energy. He was awarded his PhD in Chemical Engineering from The University of Newcastle, Australia. His research covers both fundamental and applied aspects of CO₂ capture, multiple pollutant removal, integrated carbon capture and mineralization, conversion of greenhouse gases to value added chemicals/fuels, and process simulation and optimization, and technical assessment. Dr Yu has established himself as a leader in the development of aqueous-ammonia-based capture technologies and led joint research efforts to develop and demonstrate an advanced, aqueous-ammonia based capture technology at pilot plant scale. He has published more than 100 papers in high impact journals and delivered more than 20 industrial/commercial reports to clients.



Dr. Yun Zhao

CNPIEC Kexin Co., Ltd

Dr. Yun Zhao is a manager of the Strategic Planning Department of KEXIN Digital Technology (Beijing) Co., Ltd. She has obtained MA and Ph.D. from The Hong Kong Polytechnic University and Beijing Language and Culture University. She worked as postdoctoral fellow in Shanghai International Studies University (2020-2022). Dr. Yun Zhao is an expert of the National Language Commission, a key member of the National Social Science Major Project and the Planning Project of the Ministry of Education, etc. He has published several core journal papers, including SSCI, CSSCI. Currently he is leading a team to develop a roadmap for carbon capture, utilisation and storage for production of low emission cement and lime in Australia. Through broad and deep collaboration within CSIRO and Australian universities and industry, he has been developing innovative, integrated capture and conversion technologies which potentially eliminate energy intensive regeneration steps and enable production of low emission products in a simple, cost-effective manner, supporting a new industry, sustainable carbon mining and a circular economy.

Moderator



Dr. Baiqian Dai

Monash University

Dr Baiqian Dai is a senior lecturer from the department of Chemical Engineering at Monash University. He is a principle investigator for the research team and established the laboratory for energy and environment conservation. Dr Dai received his PhD degree from Monash University. He started working as a post-doctoral research fellow in the Department of Chemical Engineering at Monash University since 2017. He is internationally recognized for his work in efficient utilization technologies for energy and fuels. His research focuses on improving, analyzing, and solving practical problems in engineering applications from a scientific perspective. Dr Dai's research received several project funding from government and industry, including a project funded by Australian Academy of Technological Sciences and Engineering, and a research project from Brown Coal Innovation Australia. Dr Dai has 50 publications in the top journals of his research area.



Dr. Minsu Liu

Monash Suzhou Research Institute,
Monash University

Dr. Minsu Liu is a research fellow at Monash Suzhou Research Institute, Monash University. He has obtained his B.E. (Hon. 1) and Ph.D. from the University of New South Wales (Australia) and Monash University (Australia), respectively. Before joining Monash Suzhou, Dr. Liu worked as postdoctoral fellow at Monash University (17-18) and Tsinghua University (18-20), as executive project director at Tsinghua Foshan Institute for New Materials. Dr. Minsu Liu is expertise in the research of nanofabrication, 2D materials, self-assembly, and thermal management. He has published more than 30 peer-reviewed journal articles, including ACS Nano, Nano letter, Advanced Energy Materials, etc., with more than 1300 citations, and applied/granted more than 20 patents.



Dr. Qijun Zheng

Monash University, Suzhou
Campus

Dr Qijun Zheng is a senior research fellow at Monash university, Suzhou campus. He joined the Department of Chemical Engineering, Monash University, as a research fellow in 2014. He earned his bachelor degree from Department of Civil Engineering, Xi'an Jiaotong University in 2005 and master degree from School of Aerospace in 2008. He received PhD degree from School of Material Science and Engineering at University of New South Wales (UNSW) in 2013 and then worked in the world-renowned Laboratory for Simulation and Modelling for Particulate Systems (SIMPAS) at UNSW as a research associate prior to joining Monash. His research Interests include: computational modelling of particulate materials, process optimization and control, multibody dynamics, fluid-structure interaction.

Panel Discussion

Discussion Topic

The Path to Academic Growth and Development of Young Scholars

The Entrepreneurship and Innovation of Overseas Returnees in the New Era

Panellists



Prof. Duo Wu

Executive Head of School
of Chemical and
Environmental
Engineering,
Soochow University



Prof. Longxiang Gao

Professor and Director of
Edge Intelligence
Computing Lab at
Shandong Computer
Science Center



A/Prof. Sifei Han

Lab Head,
School of Pharmacy,
China Pharmaceutical
University



Dr. Yunfeng Li

CEO and director of
CNPIEC Kexin Co.,Ltd



Prof. Longxiang Gao

Professor and Director of
Edge Intelligence Computing
Lab at Shandong Computer
Science Center

Longxiang Gao received his PhD in Computer Science from Deakin University, Australia. He is currently a Professor and Director of Edge Intelligence Computing Lab at Shandong Computer Science Center (National Supercomputer Center in Jinan). He was a Senior Lecturer and Co-founder of Deakin Blockchain Innovation Lab at School of Information Technology, Deakin University. Before joined Deakin University, he was a post-doctoral research fellow at IBM Research & Development, Australia. His research interests include fog/edge computing, blockchain, data privacy and data analysis.

Prof. Gao has over 100 top quality publications, including 1 US patent, 5 monographs (all published by Springer), 4 book chapters, 53 journal papers (47 of them are SCImago Q1 ranked) and 45 conference papers. Some of his publications have been published in the top venue, such as IEEE TMC, IEEE TPDS, IEEE TKDE, IEEE TC, IEEE IoTJ, IEEE TDSC, IEEE TVT, IEEE TII, IEEE TCSS, IEEE TNSE and ACM Computing Surveys. He has been Chief Investigator (CI) for 30 research projects (the total awarded amount is over \$5million), from pure research project to contracted industry research.

Prof. Gao is a Senior Member of IEEE and active in IEEE Communication Society. He has served as the Technical Program Committee (TPC) co-chair, publicity co-chair, organization chair and TPC member for many international conferences. Meanwhile, he served as president of Chinese Association of Professionals and Scholars, Australia, which is the premier organization promoting and facilitating education, industry-relevant research and business opportunities between Australia and China with more than 2000 members of Chinese professionals, PhDs and young scholars living and working in Australia. He is currently serving as executive president of advisory committee, Chinese Association of Professionals and Scholars, Australia.



A/Prof. Sifei Han

Lab Head, School of Pharmacy,
China Pharmaceutical
University

Sifei has focused on using delivery approaches to improve the PK/PD profiles of therapeutic agents. A major interest is lipid-mimetic prodrug strategies that enhance drug transport into and through the lymphatic system, which has demonstrated promising utility in a number of aspects. Firstly, the lymph-directing delivery promotes the efficacy of drugs that act on biological targets in the lymphatic system, and it therefore provides opportunities to improve the treatment of related conditions such as (auto)immune disorders, cancer, and acute disease. Secondly, via redirecting drug transport to the lymphatics rather than the blood stream after oral absorption, the prodrug approach also enables the oral bioavailability of drugs that are normally subject to significant hepatic first-pass metabolism.

Sifei's broader interests include the mechanisms and optimisation of drug absorption profiles, e.g., using lipid-drug derivatives (including ionic liquids and lipid-drug conjugates) and lipid based formulations to enhance the absorption of 'problematic' compounds (e.g. poorly water soluble or poorly permeable drugs). Sifei is co-inventor of 12 patent families that forms a lymph-targeting technology platform. The prodrug technology has been licensed to a clinical-stage biopharmaceutical company, PureTech Health in 2017 (and sublicensed to Boehringer Ingelheim in 2019). Sifei's ongoing research aims to develop an integrated lymphatics-focused delivery platform for both small and macromolecule drugs. The platform utilises the unique advantages of lipids to optimise drug delivery and the interaction between nanomedicine and the immune interface.



Dr. Yunfeng Li

CEO and director of CNPIEC
Kexin Co.,Ltd

Dr. Li Yunfeng has a bachelor's degree of "First Class Honours" from the Department of Materials Science and Engineering of the University of New South Wales, Australia, and was granted the full scholarship of the Tuition Fee Scholarship of the University of New South Wales, Australia. Dr. Li Yunfeng graduated from the Department of Chemical Engineering of Monash University in Australia with the full scholarship of the Faculty of Engineering International Postgraduate Research School of Monash University in Australia.

His main research interests are computer simulation, artificial intelligence technology, data processing, etc. From a professional point of view, he can deconstruct problems and requirements, select corresponding model algorithms from the models of artificial intelligence technology, and cooperate with specific researchers proficient in the algorithms to solve problems systematically, and form a holistic solution. He proposes the international innovation of "Block Primitive Object" information mining mindset, using natural language processing and other technologies to develop high-precision intelligent extraction tools for primitive objects, to fragment and structure academic resources in different formats, subsequently unify the expression of scientific data, and finally achieve convenient data usage.

Dr. Li Yunfeng is the CEO and a director of the CNPIEC Kexin Co.,Ltd and a director of the China Focus Intelligence Technology Beijing Co.,Ltd, both of which are the subsidiaries of the China National Publications Import and Export (Group) Co., Ltd, a large state-owned cultural enterprise founded in 1949.

Dr. Li Yunfeng focuses on technology development by involving in different social entities and undertaking social responsibility. He is an off-campus tutor for postgraduate students of library and Information Science, Chinese Academy of Agricultural Sciences, and also a member of Information Technology Professional Committee of China Science and Technology Information Society. He is also the project leader or a key member of 4 national significant R&D projects. He has published 7 high-level international SCI academic papers. He is also 5 national patent inventor. He is a leading draftsman of 2 industry standards and 3 group standards. With approval by the Office of Beijing Leading Group for Talent Work and other governmental departments, Dr. Li Yunfeng was granted the title "Beijing youth top talent".

Organiser



Chinese Association of Professionals and Scholars, Australia

The Chinese Association of Professionals and Scholars, Australia (CAPS Australia), is a not-for-profit organisation which provides a platform to bring together young Chinese scholars and research professionals across a broad range of research fields in Australia. It is a young and active part of the Chinese excellence in Australia. CAPS Australia currently has over 2000 members across.

CAPS Australia was established in Melbourne in 2006 and was officially registered in Victoria in 2012. Since its establishment, CAPS has built an extensive network in both China and Australia. It is in cooperation with over 50 prestigious universities and academic institutions in China, as well as all universities in Victoria, Australia. CAPS has an advisory committee, composed of over 30 senior experts and scholars across different disciplines, with the aim to provide valuable advice and resources for the development of the organisation.

CAPS Australia endeavours to strengthen research exchange and industry collaboration between members and contribute to the advancement of China-Australia education, technology and talent development. As such, we strive to become:

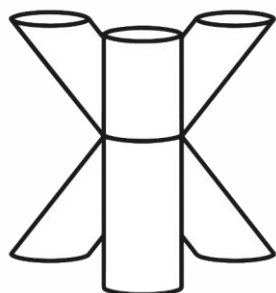
- Bilateral bridge for China-Australia academic exchange
- Interactive platform for visiting Chinese scholars
- Information portal for career development and innovative entrepreneurship.

Website: www.capsaus.org | Email: caps@capsaus.org

Scan QR Code to subscribe to the **CAPS WeChat Official Account** for more current and upcoming CAPS events as well as informative articles.



Principle Partner



中图科信
ZHONGTU
KEXIN

KEXIN Digital Technology (Beijing) Co., Ltd. is a subsidiary established by CNPIEC (China National Publications Import & Export (Group) Corporation). KEXIN was founded to leverage new technologies to provide smarter services for the scholar community. The vision of KEXIN is “To break the frontiers of knowledge”. In the era of Open Science, our commitment is to provide comprehensive services throughout the research processes and join the OA transformation in China.

Our technical team is consist of more than 10 Ph.D.s and nearly 100 R&D engineers. The R&D area covers Text Classification, Information Extraction, Content Recommendation, Machine Translation, Text Generation, Knowledge Graph, Digital Watermarking, Image Processing, Federated Learning, etc. Since the establishment in May 2021, KEXIN has already developed 31 algorithm models and been granted 9 core algorithm patents and 17 software copyrights.

Conference Partner



MONASH
University

Co-organiser



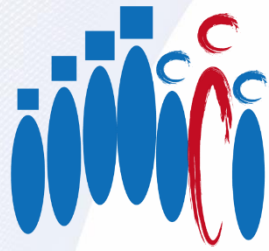
澳洲华人生物医学协会 陈竺

Australia Chinese Association for Biomedical Sciences

The Australia Chinese Association for Biomedical Sciences Inc. (ACABS), is a professional not-for-profit organisation, established by Australian Chinese Scholars in the fields of biological and medical sciences. The organisation has more than 100 professional members in the fields of biological and medical research and clinical practice with the headquarter in Melbourne. The objectives of ACABS are

- To foster friendship and collaboration, and to strengthen the communications among Australian Chinese scholars;
- To encourage contributions to the advancement of science and technology;
- To advocate and carry out exchange and collaboration between Australia and China in biomedical science, technology, education and training, and clinical services; and
- To promote friendship and cooperation with other national and international societies/organisations.

Sponsors



ACASE

Australia-China
Association of Scientists
and Entrepreneurs

Established in 2015, ACASE started its journey as a not-for-profit organization based in Melbourne, dedicated to technology commercialization and innovation cooperation in Asia Pacific region. With a strong vision of supporting the broad start-up ecosystem, ACASE has been growing our professional team and services to support a wide range of cross sectoral start-ups and scale-ups in Asia Pacific regions in the past six years. To successfully enable and facilitate commercialization of Australian technology for the Asian market, ACASE has developed strategic partnerships and alliances with key stakeholders including Australian universities and R&D institutions, government agencies in Australia and China, industry bodies, local incubators and high caliber professionals as well as investors. With these collaborative frameworks and relationships in place, we offer a wide range of tailored services and programs to help our clients and partners realize and accelerate their entrepreneurial and innovation success in the Asian market.

Eureka Technology Innovation & Investment (Eureka TechIN) is a technology innovation and investment platform established in 2017. The headquarter based in the prestigious business district of Collins Street, Melbourne and branch offices in China and Singapore. As a part of Eureka International Group which is a global multifaceted business group with over 20 years' experience in various industries and international markets, we aim to facilitate technology innovation and accelerate growth of start-ups / SMEs through our multidisciplinary expertise and global network.



Eureka Technology Innovation & Investment

For promoting international matchmaking for technology transfer, capital raising and investment resources, we hold annual entrepreneurial pitch competition "Eureka IIEC" and the educational commercialization program "Eureka IEMC" since 2017. We explored high-quality projects from the events and helped them to achieve recourse connectivity with enterprises, technology partners and governments. Additionally, we established Eureka Research Fund for Immunology and Virology in 2020 to support the research innovation activities which address the emerging health concerns.



Hungry Panda

HungryPanda is a world leading lifestyle platform, covering online delivery, retail, grocery delivery and lifestyle services with 3.5 million registered customers, 60K merchants and 40K riders. Our vision is to become the global market leading platform that enables overseas Chinese business in the food industry and connects Chinese food to all consumers who enjoy it.

Media Support

Livestream



邃瞳科学云

News Media

(Listed in No Particular Order)

神州学人



Professional Organisation

(Listed in No Particular Order)



学术桥[®]
AcaBridge.cn

Academic Bridge

Sponsored by China Education and Research Network (CERNET) and China Education Online (www.eol.cn), “AcaBridge” is a job-hunting and entrepreneurship platform for outstanding scientific research and academic talents at home and abroad. Based on the superior resources of CERNET, it has established in-depth cooperation with the academic websites such as “Sciencepaper Online” and “Sciencemeeting Online”, sponsored by the Science and Technology Development Center

of the Ministry of Education. In addition, it has jointly held 20 overseas video recruitment fairs for Chinese universities with the China Scholars Abroad, a periodical office under the Ministry of Education.

Since its establishment, “AcaBridge” has provided all services related to talent matchmaking for domestic universities and successfully introduced several overseas outstanding scholars for some universities in China by adhering to its idea “Through the World, Bridging the Elites”.

ACYPI is the single largest young professional organisation in the Australia-China space. We are a 100% volunteer-led organisation who is independent, apolitical, and focused on connecting young professionals and entrepreneurs to opportunities in the Australia and China relationship. Through regular events held across Australia and China, we seek to: Engage our members on policy, industry, cultural and academic themes relevant to Australia and China. Connect our members to like-minded peers through professional networking opportunities across sectors. Empower our members to become future leaders between Australia and China. Our vision: Through events and initiatives, we aim to promote people-to-people exchange and cultivate cross-cultural literacy among young professionals in Australia and China to help their decision-making as future leaders across sectors.



ACYPI

Australia–China Young Professionals Initiative



GBCA
Global Business
College of Australia

Global Business College of Australia

Global Business College of Australia (GBCA) established in 2014 is the Australian campus of Edvantage Group, a Hong Kong-publicly listed education group, which has campuses in both Singapore and Mainland China. More than 2,000 domestic and international students from over 20 countries have been enrolled in GBCA to study a range of accredited vocational courses from Certificate 3 to Advanced Diploma level in interpreting and translating, commerce, business, IT, education and English language. In a significant partnership with the

University of Canberra (UC), since 2017, GBCA has established and managed UC’s Melbourne campus on its premises offering high demand UC degree and master programs in the fields of Business and Accounting. GBCA’s sibling institute, Edvantage Institute Australia (EIA), which is also under Edvantage Group, was registered by TEQSA last year to deliver quality Higher Education programs in Melbourne, Australia. EIA also achieved the CRICOS approval to educate international students. It has commenced the first intake of its digitally focused Bachelor of Marketing for local and international students in November 2020.

ProActive Legal is an Australian law firm with highly specialised Migration Lawyers and Migration Advisors (RMA) together have over 37 years of experience.

Our Principal Lawyer, David Gu, is one of Australia's leading experts in immigration law. He is one of only 46 lawyers accredited by the Law Society of New South Wales as a Specialist in Immigration Law. The team in Sydney and Melbourne handles the full spectrum of Australian visas and citizenship matters, simple or complex and anything in between.

Whether is to reach a migration goal or resolving a complicated and challenging immigration problem, it is a 'journey'. The success of that journey hinges one that are forward thinking, proactive, creative and confident in their expertise. These are qualities of our team, enabling us to unpuzzle the complex and intertwining Australian immigration laws to find practical, innovative, bespoke and strategic solutions.

Over the years, ProActive Legal has successfully assisted hundreds of people and families in some of the most challenging immigration matters.



ProActive Legal
普愛信為律師事務所

ProActive Legal

春風

Spring Health

Founded in London in 2018, Spring Health is a network for health policy scholars specialising in health systems, health economics and health policy. Our vision is to promote an equitable, ethical and sustainable health system and advocate for social welfare by facilitating collaboration between academia, healthcare industry, and government.

Student Association

(Listed in No Particular Order)

