

2023 World Data Forum Macau

Satellite Event

Speakers

Keynote Speaker

Tshilidzi Marwala, Rector, United Nations University Under-Secretary-General, United Nations



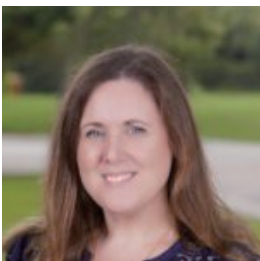
Prior to taking up the role of UNU Rector on 1 March 2023, Prof. Tshilidzi Marwala served as Vice-Chancellor and Principal of the University of Johannesburg (South Africa) from January 2018 through February 2023. He has extensive academic, policy, management, and international experience, and is a co-holder of five patents. His research has been multi-disciplinary, involving the theory and applications of artificial intelligence to engineering, social science, economics, politics, finance, and medicine. He has served on a variety of global and national policymaking bodies, and has worked with United Nations entities such as UNESCO, UNICEF, WHO, and WIPO. Among the awards he has received is the Order of Mapungubwe (South Africa's highest honour).



Walter Gehr, Austrian Ministry of Foreign Affairs

Walter Gehr is a diplomat who began his career in the Austrian Ministry for Foreign Affairs in 1989 after studying law. He was subsequently posted to Dublin, Geneva and Ankara. After the attacks of 11 September 2001, he headed the group of experts of the Counter-Terrorism Committee of the UN Security Council.

Session: Data and Health: Cyber-psychological Implications



Jaimee Stuart, Senior Researcher, UNU Macau

Jaimee is a Cultural and Developmental Psychologist and Senior Researcher at the United Nations University Institute in Macau. Her research focuses on positive development for children, youth and their families. She is particularly interested in understanding developmental processes as they play out in contemporary contexts – those where there is extensive connection and engagement with technology, exposure to diversity, and experiences of global health and climate risks.



Yu-Tao Xiang, Professor, University of Macau

Dr. Xiang obtained Bachelor Degree (1998) and Master Degree (2003) in Capital Medical University, China, and PhD degree (2006) in Chinese University of Hong Kong Department of Psychiatry, and then received Postdoctoral Fellow training in University of Maryland Department of Psychiatry, USA (2010). He received resident psychiatrist training in Beijing Anding Hospital, China. Dr. Xiang Joined Chinese University of Hong Kong Department of Psychiatry in 2008 as Research Assistant Professor, and then joined University of Macau Faculty of Health Sciences in 2014 as Associate Professor. He was early promoted to Professor in 2017.



Claudia Abreu Lopes, Research Fellow, UNU-IIGH

Dr Claudia Abreu Lopes is a Research Fellow at the United Nations University International Institute for Global Health (UNU-IIGH). She has spent 20 years in academia with positions at the Faculty of Psychology at the University of Coimbra (Portugal), Institute of Social Psychology at the London School of Economics and Political Science (LSE), and Department of Politics and International Studies at the University of Cambridge (POLIS).



**Jacky Ho, Director, Macao Observatory for Social Development
Dean, Faculty of Health Sciences, University of Saint Joseph**

Dr Jacky Ho completed his studies in Health Sciences at the Faculty of Medicine and Health from the University of Sydney (Australia), specialized in Gerontology, dementia and sleep science. He is currently the Dean of the Faculty of Health Sciences and the Director of Macao Observatory for Social Development at the University of Saint Joseph. He established the Department of Innovative Social Work and the Macau Healthy Lifestyle Research Centre, and was appointed as the Head of the department during his service at the City University of Macau. His current study is focusing on the establishment of community-based telemedicine and chronic diseases management model in Macau and the Greater Bay Area.



Calvin WL Ho, Associate Professor, University of Hong Kong

Calvin WL Ho is an Associate Professor with the Faculty of Law at the University of Hong Kong and Co-Director of the Centre for Medical Ethics and Law of the Li Ka Shing School of Medicine and the Faculty of Law. His research primarily focuses on the governance of health and biomedical technologies, as well as medical law and ethics more broadly. His research also includes the normative aspects of health systems (especially regarding equity, sustainability, and universality). In addition, he has also conducted research on emergent health technologies (with a focus on AI and digital health) and global health.

Session: Regulatory Dilemmas and Digital Technologies



Rostam Neuwirth, Professor, University of Macau

Rostam Neuwirth is a professor at the Faculty of Law at the University of Macau and also serves as Head for Department of Global Legal Studies. He is also Programme Coordinator of Master / Postgraduate of Law in International Business Law (English) and a Member of UM Senate Standing Committees. He gave a TEDx Talk on “Oxymoron – the force of an ‘open secret’” organized by the University of Macau on January 21, 2017.



Sara Migliorini, Assistant Professor, University of Macau

Dr. Sara Migliorini is Assistant Professor of Global Legal Studies at the University of Macau. Sara has also been involved as Senior Expert and National Rapporteur in preparatory work for the European Commission in the field of technology law. Before joining UM, Sara held the position of Research Fellow in Private International Law at the British Institute of International and Comparative Law (BIICL) for 3 years, and other research and teaching positions at the Universities of Paris 1, Panthéon-Sorbonne, London (International Programs), Lausanne and Florence. Sara is admitted to practice law in France and has practiced in a Paris-based law firm specialized in international litigation and arbitration.



**Feng Tian, Dean, SenseTime Intelligent Industry Research Institute
Vice Dean, Shanghai Artificial Intelligence Research Institute**

Tian Feng, founding dean of Sensetime Intelligent Industry Research Institute, founding dean of Aliyun Research Institute, invited expert of APEC, co-director of Computational Law and AI Ethics Research Center of Shanghai Jiao Tong University, Tencent News observer, expert of artificial intelligence, meta-universe and digital transformation, with rich industrial practical experience. He has published 11 books including “New Infrastructure”, “Cloud Strategy”, “Internet 3.0” and “Top of Science and Technology”.

Célia F. Matias, Assistant Professor, University of Macau



Célia is an Assistant Professor with the Department of Global Legal Studies of the Faculty of Law, University of Macau, where she was previously a UM Macao Fellow. She holds a PhD from the University of Hong Kong (2021), with a thesis titled 'Rethinking the Limits of Private Justice in the Information Age' and an LLM on Information Technology and Intellectual Property Law (2015) from the same institution. Her prior experience was focused on private legal practice, in both Portugal and Macau, where she has been living for more than a decade. Her research interests lie in the intersection of law and technology, as well as legal theory and intellectual property.

Muruga Perumal Ramaswamy, Associate Professor, University of Macau



Muruga Perumal Ramaswamy is an associate professor at the Faculty of Law at the University of Macau. He is also a coordinator of Service Teaching Programme. His research interests include Public International Law, Common Law, Maritime Law, Labour Law, Business Laws, International Trade Law and WTO.

Liang Zheng, Deputy Director ,China Institute for Science and Technology Policy, Tsinghua University



Dr. LIANG Zheng now serves as the professor of the School of Public Policy and Management, Tsinghua University, as well as the research fellow and deputy director of China Institute for Science &Technology Policy at Tsinghua University (CISTP), which is jointly established by Ministry of Science and Technology of China and Tsinghua University, mainly focusing on the studies of S&T policy and the national strategy of S&T development.

Session: Data policy for addressing data dilemmas in crisis situations

Francis Crawley, Chairman, International Data Policy Committee, CODATA



Francis Crawley is the Chairman of the International Data Policy Committee of CODATA (The Committee on Data for Science and Technology). He also chairs the International Data Policy Committee of CODATA under the International Science Council (ISC). He recently founded the Ukraine Clinical Research Support Initiative (UCRSI).

Virginia Murray, Head of Global Disaster Risk Reduction, UK Health Security Agency



Virginia Murray is the Head of Global Disaster Risk Reduction at the UK Health Security Agency (UKHSA). She was appointed as Consultant in Global Disaster Risk Reduction for Public Health England in April 2014. Her work includes taking forward her role as vice-chair of the UN International Strategy for Disaster Reduction (ISDR) Scientific and Technical Advisory Group and as Chair of the Science & Technology Organising Committee for the UNISDR Science and Technology Conference on the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 January 27-29 2016.

Jinping Liu, Hydrologist, EACAP/WMO Typhoon Committee Secretariat (TCS)



Jinping LIU, PhD of hydrology and water resources engineering, professor-level senior engineer, graduated from Hohai University of China. He took the position of deputy chief engineer of Hydrological Bureau of the Ministry of Water Resources of China. Since December 2017, he serves for EACAP/WMO Typhoon Committee Secretariat (TCS) as hydrologists.



Célia F. Matias, Assistant Professor, University of Macau

Célia is an Assistant Professor with the Department of Global Legal Studies of the Faculty of Law, University of Macau, where she was previously a UM Macao Fellow. She holds a PhD from the University of Hong Kong (2021), with a thesis titled ‘Rethinking the Limits of Private Justice in the Information Age’ and an LLM on Information Technology and Intellectual Property Law (2015) from the same institution. Her prior experience was focused on private legal practice, in both Portugal and Macau, where she has been living for more than a decade. Her research interests lie in the intersection of law and technology, as well as legal theory and intellectual property.



Burçak Başbuğ Erkan, Associate Professor, Middle East Technical University

Burçak Başbuğ Erkan is currently an Associate Professor of Statistics at the Middle East Technical University (METU), Ankara, Turkey. She received her SFHEA in the UK as of October 2019. She work as the Academic Partnerships Director of the ICPEM (Institute of Emergency Management and Civil Protection), November 2019 to date. She is the lead of the disaster and emergency management working group of the Ankara City Council and the special advisor to the former Turkish PM Prof. Ahmet Davutoglu in all disaster, crisis and emergency management related policies.



Perihan Elif Ekmekci, Head of the History of Medicine and Ethics Department, Deputy Dean of the School of Medicine, Head of the Institutional Review Board, TOBB University of Economics and Technology

Dr Ekmekci is the chair of the International Unit in Bioethics/ WMA Cooperation Center and deputy dean of TOBB ETU School of Medicine. She is chairing the Institutional Review Board of TOBB ETU, and she is a member of the open science committee of TOBB ETU. She is a member of the World Association for Medical Law and the International Forum of Teachers of the International Unit in Bioethics and co-chair to the EOSC-Future & RDA Artificial Intelligence and Data Visitation Working Group. Dr. Ekmekci is the co-author of the book titled “Artificial intelligence and Bioethics” published by Springer.



Masaru Yarime, Associate Professor, Division of Public Policy and Division of Environment and Sustainability, The Hong Kong University of Science and Technology

Masaru Yarime is an Associate Professor in the Division of Public Policy and the Division of Environment and Sustainability at the Hong Kong University of Science and Technology (HKUST). He also has an appointment as Visiting Associate Professor at the Graduate School of Public Policy at the University of Tokyo. His research interest centers around science, technology, and innovation policy for energy, environment, and sustainability, particularly exploring data-driven innovation, including artificial intelligence, the internet of things, and smart cities, to address sustainability challenges such as climate change, biodiversity, and the circular economy and implications for public policy and institutional design.



Xueting Li, operation manager, GOSC International Programme Office

With an academic background in linguistics and communication, Ms. Xueting LI graduated from the University of Chinese Academy of Social Sciences and received a master’s degree with distinction in digital humanities at Kings College London, UK. Ms. Xueting Li is committed to the Global Open Science Cloud (GOSC) Initiative. She is the operation manager at the GOSC International Programme Office (GOSC IPO), performing the duties of science communication and capacity building within and outside of the GOSC community. As a young researcher at the Computer Network Information Center, Chinese Academy of Science, (CNIC, CAS), she has a keen interest in open science policy, research ethics, and integrity studies.

Session: Data Dilemmas in Public Services, Communication and GIS



**Akio Takemoto, Programme Head,
United Nations University Institute for the Advanced Study of Sustainability**

Akio Takemoto is a Programme Head at United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS). He holds a PhD in Environmental and Functional Sciences from Ibaraki University and a Masters of Science in Geophysics from Hokkaido University. He has participated in COP26 and shared the latest international trends on climate change actions and local sustainability.



Sophia Chan, Communications Manager, Macao Water Supply Company Limited

Sophia is the Corporate Communications Manager of the Macao Water Supply Company Limited, which is a member of SUEZ. With the parent company's patented technologies and its SmartWater operations and management, the Company provides innovative solutions for sustainable water management, focusing on providing high-quality and reliable water supply to the citizens and tourists of the city.



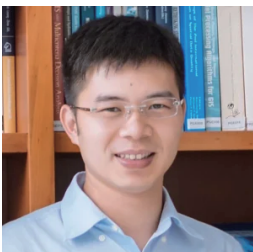
Xiaosong Li, Professor, CBAS

Xiaosong Li is a Professor of CBAS. His main research interests are Big Data for SDG 15, remote sensing and applications on dryland ecosystems, with ongoing research focused on land degradation monitoring and assessment, sparse vegetation information retrieval in desertified regions, benefits evaluation of ecological restoration project. He received the Ph.D. degree in forest remote sensing from Chinese Academy of Forestry. He was a Visiting Scholar at University of Maryland, USA, and has been with Institute of Remote Sensing and Digital Earth since 2008, where he has been a research professor since 2011. He was the member of UNEP-CBAS "Measuring progress" report expert group, UNCCD LDN-TSP Consultant.



Peng Gong, Vice President, University of Hong Kong

Professor Gong received his BS and MS degrees from Nanjing University and his PhD degree from the University of Waterloo, Canada in 1990. He started his academic career at York University and then the University of Calgary. In 1994, he joined the University of California, Berkeley where he rose through the academic ranks to full Professor in 2001. He became the founding Chair of the Department of Earth System Science in 2016 and Dean of the Faculty of Science in 2017 at Tsinghua University. Professor Gong's major research interests include urbanization and health, mapping and monitoring of global environmental change, and modelling of environmentally related infectious diseases.



Hongsheng Zhang, Assistant Professor, University of Hong Kong

Dr. Hongsheng Zhang is an Assistant Professor in the Department of Geography at The University of Hong Kong (HKU). He received his B.Eng. degree in computer science and technology and his M.Eng. degree in computer applications technology from South China Normal University in 2007 and 2010, respectively. He also received his Ph.D. degree in earth system and geoinformation science from The Chinese University of Hong Kong in 2013. His research is mainly focused on incorporating multiple remote sensing technologies to understand the urbanization process and its environmental and ecological impacts at various spatial and temporal scales.



Gensuo Jia, Deputy Director General, CBAS

Gensuo Jia is the Deputy Director General of International Research Center of Big Data for Sustainable Development Goals (CBAS). He is also a Professor at Institute of Atmospheric Physics, Chinese Academy of Sciences.



**Meng Wang, Office Director,
International Centre on Space Technologies for Natural and Cultural Heritage (HIST)**

Ms. Meng Wang is the Office Director of the International Centre on Space Technologies for Natural and Cultural Heritage (HIST) under the auspices of UNESCO, hosted by the Aerospace Information Research Institute of the Chinese Academy of Sciences. With over a decade of experience in space technologies for sustainable development, Ms. Wang has been involved in several important initiatives in this field. Ms. Wang is a member of the author team for the annual reports on Big Earth Data in Support of Sustainable Development Goals. These reports have helped to enhance the scientific basis for understanding the dynamic trends of SDG indicators and have introduced innovative analytical tools for the accurate evaluation of SDG-related issues. Involvement in the reports has provided her with valuable expertise in the utilization of Big Earth Data to evaluate the SDGs.



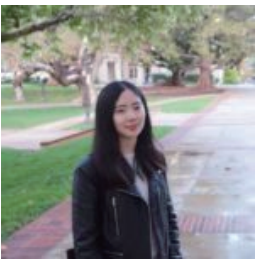
Tiziana Bonapace, Economist, UN ESCAP

Tiziana Bonapace is an international trade economist with over 14 years of experience working on economic and developmental policy issues. She currently works at UN ESCAP, one of the five regional Commissions of the UN. For more than a decade, Ms. Bonapace has worked on trade policy issues, particularly on WTO-related issues as they apply to policy formulation for Asian developing countries. She has been involved in the preparation of studies, research and analytical papers and has conducted numerous training courses and seminars for senior government officials and business leaders.



Shengru Li, Research Fellow and Academic Associate, UNU-IAS

Prior to joining UNU-IAS, Dr. Li worked as a test solutions engineer at Micron Technology and researcher at Global Scientific Information and Computing Center, Tokyo Institute of Technology. He has over six years of working experience with development projects and data science combined. His experience in development covers educational development, ICT application for regional development, and comparative studies of 21st century skills in Asia and the Pacific. He also has industry experience in algorithm development and data-driven process evaluations.



Zihan Kan, Assistant Professor, Chinese University of Hong Kong

Zihan Kan is an Assistant Professor at the Department of Geography and Resource Management at The Chinese University of Hong Kong (CUHK). His research addresses the interactions between human activities and the environment by developing innovative geospatial analytical methods. He strives to address the issues of the impact of the environment on human health through the lens of movement flows, transportation related emissions and traffic congestion, and built environment.

Session: Datafied Macau: Seeing the City with Algorithms



Denis Zuev, Assistant Professor, University of Saint Joseph

Denis Zuev is a faculty member at USJ Macao. He has held various researcher positions at Max Planck Institute for Social Anthropology, Halle, Germany, the Institute of Social Futures and CeMoRe, Lancaster University, UK and the Institute for Advanced Studies for Science, Technology, and Society, Graz, Austria. He was a senior lecturer in Sustainable Mobilities at Nuertingen-Geislingen University in Germany.



Gerald Estadieu, Assistant Professor, University of Saint Joseph

Gerald Estadieu is currently an Assistant Professor in the Faculty of Arts and Humanities at the University of Saint Joseph (USJ) – Macao, teaching in the Department of Architecture & Design. He holds a Master's Degree in Signal and Image Processing from Université d'Orléans (France) and a PhD in Science and Technology of the Arts from Catholic University of Portugal (School of Arts).



Dalibor Vodenicarski, Manager, Doppelmayr Macau Limitada

Dalibor Vodenicarski is an MBA-level educated Engineering and Operations Professional with over a decade of experience in operational services, project management, M&E engineering maintenance, logistical operations, productivity, planning and budget management. Dalibor has a proven track record of driving full-cycle operational performance for large, multidisciplinary projects in competitive environments and has worked with business, financial and governmental institutions worldwide. A multilingual professional with a unique ability to relate to diverse populations and highly skilled in teamwork and problem-solving. He is a member of the Serbian Chamber of Engineers and the Austrian Chamber of Commerce for Hong Kong and Macao. His research interests include Blockchain Technology, the Internet of Things, Industry 4.0 and Data Science.



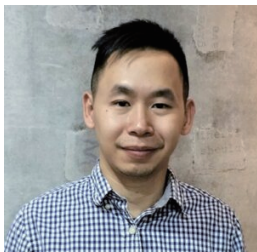
Sandra Olga Ng, Senior Lecturer, University of Saint Joseph

Sandra Olga Ng, is a senior lecturer in the University of Saint Joseph (USJ), Macau, China. Born in Hong Kong and raised in Macau, she holds a master's degree in Communication and Media (2019, USJ) and is currently a PhD candidate in Global Studies. Her works focus on 3D modelling, rendering and virtual reality while her recent research is about Virtual Reality. Sandra also has experiences in Public Relations, translations, digital illustration and social media communication since her Bachelor graduation in 2015.



Terence Lee, Co-founder, Sustaincia.org

Co-founder of Sustaincia.org, a non-profit organization encouraging sustainability using technology and social efforts. Professionals from all industries come together for projects such as smart city digital community, art and cultural sustainability with NFT and metaverse, sustainability content analysis using AI NLP; and we organize events for green transportation and energy, biotechnology exchange, global financial investments in technology, and future career paths for youth. Our members consists of technologists, financial experts and education practitioners from all over the world. We have a saying "at sustaincia we launch sustainability!"



Derrick Ho, population health scientist, University of Hong Kong

Dr. Derrick Ho is a population health scientist at The University of Hong Kong, with expertise in urban health and spatial/environmental epidemiology. He is serving as a Global Assessor for the Royal Society of Tropical Medicine and Hygiene, an Associate Editor for Annals of Epidemiology, and an Associate Editor for International Health. His research focuses on social and environmental determinants of health, with particular interests in interactions between neighborhood deprivation, natural/built environment, healthy behaviors, and non-communicable diseases. Additionally, Derrick has extensive experience in spatiotemporal analysis and machine learning modeling with large-scale datasets and "new urban data" for population health assessment.



Robert Ruggles, Senior BDM, Sales Management, Project / PMO Manager

Robert Ruggles has over 25 years experience in systems design, consulting, and project management including CCTV Surveillance, Security, and Biometrics for Commercial, Casinos, and Federal Governments.



Joanne Chan, Deputy Chief Financial Officer, Animoca Brands

Joanne oversees multiple finance functions at Animoca Brands, including accounting, financial planning and analysis, tax, enterprise risk management and governance. She is also responsible for driving finance transformation efforts to upgrade financial systems and capabilities, and building strong partnerships across group companies. Joanne was previously the Senior Vice President of Finance at Gerson Lehrman Group where she led the company's APAC and EMEA finance teams, and was part of both the global operating leadership and regional executive leadership teams. She obtained her undergraduate degree from Cornell University and master's degree from Massachusetts Institute of Technology.

Session: Data, digital technologies and human-centered design for decision making



Cara Antonaccio, Researcher, UNU Macau

Cara's research is focused on health and development in conflict-affected communities using epidemiological and geospatial analysis methods to investigate the dynamics of complex humanitarian crises. In 2022, she earned a PhD from Boston College. Since joining the UNU Institute in Macau, Cara is increasingly motivated to conduct applied interdisciplinary research and to design data-driven tools to support health in humanitarian crises and communities affected by conflict.



**Chokdee Rutirasiri, Associate Director and Head of UX, Broad Institute
Adjunct Professor, Boston College**

Chokdee Rutirasiri is a Design Strategist and Educator. He is currently an Associate Director and Head of UX at Broad Institute and an Adjunct Professor of Design Thinking at Boston College. He has also been a featured speaker at national conferences such as the MIT CIO Symposium. In addition, Chokdee Rutirasiri is also the Vice President of Experience Strategy & Research at Mad*Pow. As a designer, technologist, and educator with over 25 years of experience, Chokdee utilizes a human-centered approach, design thinking framework, and digital technologies to transform companies. His career encompasses social justice, equity, and inclusion at its core – designing systems and solutions led with empathy that are holistic.



Paul Pun Chi Meng, Secretary-General, Caritas Macau

Mr. Paul Pun Chi Meng, is the Secretary General of Caritas Macau. He has been the principal of St. John de Brito School till 2021 and was also one of its founders. He has been working in the social service field for more than 30 years. Paul graduated from the Department of Social Work, University of Guam, and received his Master of Social Work degree from Columbia University. He has made many proactive contributions, advocacy and recommendations on a number of social policies in Macau. In 2009, he received the Pontifical Council for Justice and Peace medal from Vatican Pontifical Commission for Justice and Peace. Since the beginning of the 1980s, Paul has established a variety of social services through Caritas Macau, including services related to family, elderly, youth, rehabilitation, stress counseling, education, homeless, the poor, and foreign workers. He has also served as a Director of the Hong Kong-based Asia Partnership for Human Development (APHD).



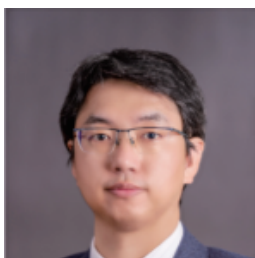
José Alves, Dean of Faculty of Business, City University of Macau

José Alves is the Dean of Faculty of Business at City University of Macau. His current research areas include Cross-border Entrepreneurship, Institutions and Sustainability in the Great Bay Area. He worked for USJ for nearly 15 years in various positions, including that of Dean of the School of Business and Dean of the Faculty of Administration and Leadership. He has a PhD in Business Administration from the University of Massachusetts Amherst, Isenberg School of Management, a Master of Science in Management and a Bachelor degree in Civil Engineering.



Gavin Chau, Associate Dean of Faculty of Business, City University of Macau

Gavin Chau is an Associate Dean of Faculty of Business at City University of Macau. He is also the Director of Asia Pacific Business Research Center. He has been involved in a study on Critical Success Factors in China's B&B Industry. He has also been involved with the 928 Bootcamp at City University of Macau which is made up of 2 weeks workshops where teams will learn how to test the value of their ideas and validate.



Yihui Tian, Associate Professor, City University of Macau

Yihui Tian is an Associate Professor at Faculty of Business at City University of Macau. His research areas include Sustainable Supply Chain Management, Carbon Neutrality and Circular Economy. His research on Sustainable Supply Chain Management, Carbon Neutrality and Circular Economy has been recognized in academia.

Session: Building trust by computational collective intelligence



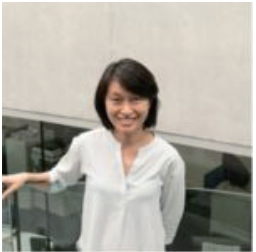
Serge Stinckwich, Head of Research, UNU Macau

Serge is a computer scientist and the Head of Research at the United Nations University Institute in Macau. Over the years, Serge Stinckwich developed an innovative research program about modelling and simulation of complex systems at the intersection of several scientific disciplines applied to developing countries' issues. His research interests are domain-specific languages and tools that ease the tasks of non-computer experts to model, simulate and analyse complex systems. He has applied his work to Epidemiology, Environmental Monitoring and Disaster Management.



Patrick Pang, Assistant Professor, Macao Polytechnic University

Dr Patrick Pang is currently a Lecturer (equivalent to an Assistant Professor) and a supervisor for PhD students in the Faculty of Applied Sciences at Macao Polytechnic University (MPU). He received his PhD from the University of Melbourne and held appointments at the University of Melbourne and Victoria University afterwards. He was the recipient of the Early Career Researcher Award of the University of Melbourne and the Funding Scheme for Postdoctoral Researchers from the Macao Science and Technology Development Fund (FDCT). He also has many years of industry experience in the public IT sector, with rich experience designing and building information systems.



Peiling Yap, Chief Scientist, International Digital Health & AI Research Collaborative

Peiling Yap is Chief Scientist for the International Digital Health & AI Research Collaborative (I-DAIR) project at the Global Health Centre. She is a Swiss epidemiologist, born and raised in Malaysia and Singapore. Peiling Yap has research experience in neglected tropical diseases, infectious diseases and public health in China and other parts of Asia. Her recent research focused on using mixed methodology in implementing and evaluating both analog and digital public health interventions.



Jolly WONG, Visiting Professor, Macau University of Science and Technology

Dr Jolly Wong is a technology consultant, strategic adviser to boards on innovation and technology, cybersecurity, digital transformation and smart data analytics. He served as the Chief Technology Officer of the Hong Kong Police Force and an independent consultant for the Airport Authority Hong Kong, now advising Hongkong Electric and ATAL Engineering Group on strategic technology business. He is a Policy Fellow for the Center of Science and Policy at University of Cambridge and a Visiting Professor for the Macau University of Science and Technology and Beijing University of Posts and Telecommunications. Jolly is also a columnist with The Standard writing commentaries on technology and business synergies: <https://www.thestandard.com.hk/column-list/>



Kin-Sun CHAN, Assistant Professor, University of Macau

Kin-Sun CHAN holds a bachelor's, master's, and Ph.D. from the University of Hong Kong's Faculty of Social Sciences. He is currently an assistant professor and program coordinator for the Master of Social Sciences in Public Administration at the University of Macau's Department of Government and Administration. Additionally, he serves as Chairman of the Macao Social Security Association and (Macao) Smoking Abstinence and Good Health Association, and is a research fellow at both the Hong Kong Jockey Club Centre for Suicide Research and Prevention and the Sau Po Centre on Ageing at the University of Hong Kong. Kin-Sun has led or participated in over 30 research projects and published more than 90 articles in academic journals. He has also organized approximately 10 academic conferences in Macau.



Mamello Thinyane, Associate Professor, University of South Australia

Mamello Thinyane is the Optus Chair of Cybersecurity and Data Science and an Associate Professor in the STEM unit at the University of South Australia. He previously served as the Senior Research Advisor and Principal Research Fellow at the United Nations University institute in Macau, a Director of the Telkom Centre of Excellence in ICT for Development and an Associate Professor in the Department of Computer Science at the University of Fort Hare in South Africa, and a Visiting Researcher at the Australian Centre for Cyber Security at the University of New South Wales – Australian Defence Force Academy.

Session: Digital Entrepreneur Dialogue



Jenny Phillips, Dean of the School of Business and Law, University of Saint Joseph

Jenny Oliveros Lao Phillips is an Associate Professor of Human and Social Sciences at the University of Saint Joseph (USJ). She has been the Dean of the Faculty of Business and Law since 2018. Prof. Phillips is also a Cantonese-English interpreter, a translator, a writer and a poet. She wrote the column “Made in Macao” in the Macau Daily Times on the culture and tradition of Macao. Her research interests and publications include organisational behaviour, innovation and entrepreneurship, social enterprises, family businesses, government studies, Macao’s tourism industry, and theatre studies.



Denis Zuev, Assistant Professor, University of Saint Joseph

Denis Zuev is a faculty member at USJ Macao. He has held various researcher positions at Max Planck Institute for Social Anthropology, Halle, Germany, the Institute of Social Futures and CeMoRe, Lancaster University, UK and the Institute for Advanced Studies for Science, Technology, and Society, Graz, Austria. He was a senior lecturer in Sustainable Mobilities at Nuertingen-Geislingen University in Germany.



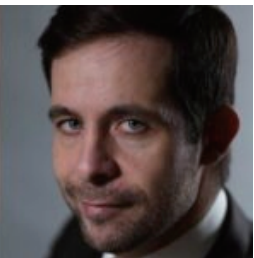
Marco Rizollo, Entrepreneur, Co-Founder 929 Challenge, Director Macau Spin Incubator (USJ)

Marco Rizollo has international business development experience across Europe, Latin America, and Asia. He has lived in Portugal, Italy, Belgium, Switzerland, France, Spain, Brazil, and Macau. His Past experience includes Solutions sales in Financial Technology: Driven Data and Trading ,Platforms for Financial Analysis within Equities, Bonds, Foreign Exchange, Money Markets, Commodities & Energy, ESG. He has work Interests in Innovation, Technology, Entrepreneurship, Intrapreneurship, Foresight, Business Development, Future of Work, Sustainability, Finance among others.



Julian Gordon, Vice President, Asia Pacific for Hyperledger Foundation

Julian Gordon is the Vice President of Asia Pacific for Hyperledger Foundation. Hyperledger is an open-source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration hosted by The Linux Foundation and includes leaders in finance, banking, Internet of Things, supply chains, manufacturing and technology.



Xavier Mathieu, senior Quant and Data Scientist, manager, entrepreneur

Xavier is a senior Quant and Data Scientist, manager and entrepreneur. With BNP Paribas, he led teams of Quantitative Analysts in asset-management, CIB, and Security Services in Paris, Tokyo and Hong Kong. He later founded the Data Science consulting company Modwize Ltd with the purpose of providing quantitative skills to a broad range of industries (finance, insurance, marketing, hospitality, researchers, healthcare, retail FMCG, newspapers, ...) with the guiding principle that creativity is at the heart of innovation and business value, and is powered by a rich technical literacy. Xavier is also the founder of Hong Kong Data Lab and Macau Data Lab a Data Science community aiming at raising the profile of data science in Greater Bay Area, with 1200+ members.

Session: Cross border Data transfer. How to turn challenges into opportunities



Jerome Yen, Distinguished Professor, University of Macau

Jerome Yen is a Distinguished Professor at the Department of Computer and Information Science, Faculty of Science and Technology at the University of Macau. He is also Head of UM’s Center for Innovation and Entrepreneurship. His major teaching and research areas include Management of Innovation and Entrepreneurship, Venture Capital, Private Equity, Financial technologies (FinTech) such as Blockchain and Artificial Intelligence.



Tianji Cai, Professor, University of Macau

Tianji Cai is a Professor at the Department of Sociology, Faculty of Social Sciences at the University of Macau. He is also Associate Dean of Faculty of Social Sciences and Director of Russian Centre Programme. His research interests include Data Mining, Quantitative Methods, Health Behavior and Gene and Environment Interplay.



Huiya Yao, Head of FinTech Innovation, WeBank

Huiya Yao is Head of FinTech Innovation at WeBank, a Chinese digital bank headquartered in Shenzhen. WeBank was founded by Tencent and other investors in 2014 and was China's first privately-owned bank. Huiya Yao has also served as Director of channel and bank card technology of Citibank (China) and Director of technology and operation management department of UOB (China).



Ming Zhao, Manager, Nam Kwong Petroleum & Chemicals

Zhao Ming graduated from Liaoning Petrochemical University with a bachelor's degree, and earned a master's degree from Macau University of Science and Technology. He is currently the manager of Project & Technical Department of Nam Kwong Petroleum & Chemicals Co., Ltd., the chairman of board of Nam Lei Petroleum (Development) Co., Ltd., and the general manager of Nam Kwong Tung Co., Ltd. Nam Kwong Tung is a sub-sub-sidiary company, wholly owned by Nam Kwong Group. It is targeted to be a smart life platform serving Macao citizens. Since participating in the operation of the Guangdong-Macao cross-border data verification platform in 2021, Nam Kwong Tung, together with various institutions, have devoted to the development of Macao and Guangdong-Macao In-Depth Cooperation Zone in Hengqin, aiming to provide a convenient cross-border data verification service experience for citizens and enterprises in Guangdong and Macao.



Keke Zhang, President, Shenzhen-Hong Kong Science and Technology Cooperation Promotion Association

Mr. Zhang Keke is the President of the Shenzhen-Hong Kong Science and Technology Cooperation Promotion Association, an advisor to the Shenzhen-Hong Kong-Macao Science and Technology Alliance, a member of the Shenzhen Municipal Political Consultative Conference Research and Advisory Committee, and the Executive Vice President of the Shenzhen Industry-University-Research Cooperation Promotion Association. He has served as the Deputy Director of the Shenzhen Municipal Science and Technology Bureau, the Deputy Director of the Shenzhen High-tech Office, the Full-time Vice Chairman of the Shenzhen Science Association, and the Deputy Director of the Shenzhen-Hong Kong Industry-University-Research Base.



Vincent Zhao, Deputy Head, ICBC Macau

Vincent Zhao is ICBC Macau Deputy Head of IT Team Macau, RAE Macau. He is one of the authors of a paper on credit card defaulters prediction using a graph attention network method called CDGAT.



Yang Yu, Assistant Professor, Tsinghua University

Yang Yu is an Assistant Professor at the Institute for Interdisciplinary Information Sciences at Tsinghua University. He holds a Ph.D. in Civil and Environmental Engineering and an M.A. in Economics from Stanford University, as well as an M.S. in Environmental Science and a B.S. in Mathematics from Nanjing University. His research fields include algorithmic economics, quantitative economics, and computational energy economics.

Session: Address Gender Data Gaps for a Sustainable Future



Min Yang, Researcher, UNU Macau

Min is passionate about building a sustainable and peaceful future for all through knowledge generating and sharing. Min undertook a series of programmes at global and regional levels for empowering young women and men, enhancing social inclusion centered on gender, as well as promoting peace education and peacebuilding. In addition, she also worked on specific areas of ethical reflection and capacity building, including AI ethics and climate change ethics. Min has experience of working in different media organizations as a journalist and editor. She was awarded the Global Governance Futures 2030 fellowship over the course of 2018 and 2019, and the German-China media ambassador in 2015.



Joyee S. Chatterjee, Assistant Professor, Asian Institute of Technology

Joyee S. Chatterjee is an Assistant Professor at the Asian Institute of Technology. Her research interests include media, popular culture, health communication and social change, especially in the context of South Asia. Her recent research publications look at the intersections of development communication campaigns, popular culture and its impact on gender norms in South Asia.



JeongHyun Lee, Research Professor, Chung-Ang University

JeongHyun Lee is a Research Professor at Chung-Ang University, South Korea. She also supports the United Nations' research on the AI standards gender equality as an ICTD Fellow at the United Nations University Institute in Macau. She holds Ph.D in Communication, Rhetoric and Digital Media from North Carolina State University, USA with her expertise in critical/cultural media studies. Her research seeks to critically examine political/ethical/cultural issues around AI technologies operated in emerging media, such as face-recognition, biometrics, and natural language processing. She currently investigates cultural application of AI and its algorithmic rules across Asian countries, focusing on how its algorithmic operations are reinforcing or transforming the inequality in the context of globalization.



CHOI In Mei, Joyce, Council Director, Women's General Association of Macao (WGAM)

CHOI In Mei, Joyce, the Council Director of Women's General Association of Macao (WGAM), currently working as the visiting lecturer in both local college and university, and her teaching focuses on the criteria of Human Resource Management. After taking part the International Women Affairs Training Programme organized by WGAM since 2016, Ms. Choi has been appointed as one of the NGO representatives to participate the UN Commission on the Status of Women (CSW) in New York, USA, in which to have the opportunities to organize the Parallel Events of NGO CSW63 & CSW67 Forum in 2019 and 2023 respectively.



Lucia Siu, Programme Manager (technology), Heinrich Böll Stiftung Hong Kong

Lucia Siu is a programme manager of Heinrich Böll Stiftung Hong Kong, responsible for dialogue projects on digitalisation, AI policies, and gender-inclusive cyberspace. She worked as a technology journalist for 7 years, and taught at Lingnan University for 7 years. She has a PhD in Sociology from the University of Edinburgh, and a Master in Science and Tech Studies. Her past research include economic sociology, performativity of markets, China's futures markets, and urban sociology.

Session: Artificial Intelligence (AI) Applications. Challenges and Opportunities



Derek F. Wong, Associate Professor, University of Macau

Derek F. Wong is an Associate Professor and Interim Associate Dean of the Faculty of Science and Technology at the University of Macau. He is also the head of the Natural Language Processing & Portuguese-Chinese Machine Translation Laboratory. His research interests include neural machine translation and natural language processing. Dr. Wong has led 18 funded research projects, including research grants from the National Natural Science Foundation of China (NSFC) and the joint research projects of NSFC-FDCT and MOST-FDCT.



Elwin Ho, CEO, Pachira Information Technology

Elwin Ho, founder and CEO of Pachira, master's degree in computer science from Peking University and Syracuse University. Elwin has worked for many years in companies such as HP and Aruba networks in Silicon Valley, engaging in product research and development management such as Opencall and Voice XML, deploying applications in Fortune 500 companies. Elwin was awarded the "Macao Youth Entrepreneurship Valley Entrepreneurship Tutor" in 2021, the "World's Outstanding Young Chinese Entrepreneurs" in 2020, the 2020 New Era Business Leader, the Hengqin-Macao Youth Entrepreneurship Leadership Award in 2019, and the GGAI 2017 AI Innovation Talent.



Jiantao Zhou, Associate Professor, University of Macau

Dr. Jiantao Zhou is an Associate Professor in the Department of Computer and Information Science at the Faculty of Science and Technology, University of Macau. He holds a PhD in Electronic and Computer Engineering from the Hong Kong University of Science and Technology (2005-2009) and was a Fulbright Junior Scholar in Electrical and Computer Engineering at the University of Illinois at Urbana-Champaign, USA (2007-2008). His research interests include multimedia forensics and security, multimedia signal processing, artificial intelligence, and big data.



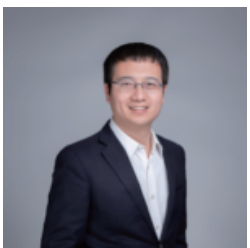
Xiaowei Wu, Assistant Professor, University of Macau

Dr. Xiaowei Wu is an Assistant Professor in the Department of Computer and Information Science at the Faculty of Science and Technology, University of Macau. He holds a PhD in Computer Science from the University of Hong Kong (2015) and a B.E. in Computer Science from the University of Science and Technology of China (2011). His research interests include algorithmic game theory, online approximation algorithms, and dynamic data structure.



Leong Hou U, Associate Professor, University of Macau

Leong Hou U is an associate professor at the Department of Computer and Information Science at the University of Macau. He is also an interim head of Centre for Data Science. His research interests include Large-Scale Data Processing, Spatial and Spatio-Temporal Data, Graph Data Processing, Graph Neural Networks, Data Visualization Techniques, etc., Crowdsourcing, Reinforcement Learning, Information Retrieval and Optimization Problems.



Xibei Jia, CEO, Audaque Data Technology

Xibei Jia is the CEO of Audaque Data Technology Co., Ltd. Audaque Data Technology is a big data technology company focused on bringing the world's leading data management and analysis technologies into China and leading the Chinese national data industry to the international stage. Audaque Data Technology was established in January 2011 in Shenzhen, China.

Session: Data, Youth and Young Scientists



Jane Wu, Executive Director, Venture Cup China

Jane Wu is the Executive Director for Venture Cup China which is an international Innovation and Entrepreneurship Service Platform based in Shanghai. It specializes in global competition, talents attraction and STI transformation primarily in Green & Sustainable Technology. The current operating projects include University Startup World Cup and Nordic-China High-Tech Weeks.



Kai Miao, Assistant Professor, University of Macau

Dr. Miao obtained his Ph.D. degree in Embryo Biology, China Agricultural University, Beijing, China 2013. He started his postdoctoral training in UM since 2014. In 2017, he was promoted as a Research Assistant Professor. From 2022, he was promoted as Assistant Professor in the Faculty of Health Sciences, University of Macau. His research focuses on genome-wide screening and identification of genetic drivers in cancer progression and metastasis. He also working on gene therapy mediated by CRISPR technology.



Yunlu Dai, Associate Professor, University of Macau

Yunlu Dai is an associate professor in the Faculty of Health Sciences, University of Macau. He received his Ph.D. degree in 2014 from the Changchun Institute of Applied Chemistry, Chinese Academy of Sciences. After his postdoctoral research at the University of Melbourne and National Institutes of Health (NIH), He initiated an independent research program at University of Macau as an assistant professor in 2018. He was promoted to associate professor in 2022. His research team mainly focuses on multifunctional hybrid nanomaterials for biomedical applications.



Franz Gatzweiler, Senior Research Advisor, UNU Macau

Before joining UNU-Macau, Franz was a Professor at the Institute of Urban Environment, Chinese Academy of Science in Xiamen and executive director of the global science programme on Urban Health and Wellbeing. Franz studied agricultural, resource and institutional economics at the University of Bonn and holds a PhD and habilitation in resource economics from the Humboldt University of Berlin. He is a free-ranging intellectual who grazes on the inter- and transdisciplinary knowledge fields of complex social-ecological-technological systems and is enthusiastic about participatory modelling and systems thinking.