2024 International Conference of Social Computing



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**Welcome to the 5th International Conference on Social Computing**

## Conference Overview

The 2024 International Conference on Social Computing is a significant event that brings together experts from various fields to explore the intersection of artificial intelligence, human behavior, and urban development. Here's an overview of the conference:

**1. Objectives**

* To foster academic exchange and discussion on the role of AI in societal and urban contexts.
* To promote interdisciplinary research and collaboration in the field of social computing.
* To enhance understanding of AI's impact on social decision-making, urban resilience, and digital trust.

**2. Themes**

The central theme of the conference is "AI, Human and Cities," which encompasses a wide range of sub-themes including:

* Knowledge discovery and data analysis.
* Social decision modeling and understanding.
* Urban resilience and digital equity.
* Urban form and social innovation.
* Applications of AI in urban governance and planning.
* Trust issues in the digital future.

**3. Key Highlights**

* **Keynote Speeches:** Renowned experts will deliver speeches on topics that address the latest developments and challenges in the field.
* **Academic Poster Exhibition and Competition:** Participants can showcase their research through posters, with a chance to win awards based on various criteria such as research content and poster design.
* **Workshops:** Interactive sessions focusing on smart community building, geospatial data analysis, and the application of large language models in urban studies, providing hands-on experience and insights.
* **Distinguished Speakers and Participants:** The conference will feature presentations from both international and domestic scholars, ensuring a diverse and comprehensive perspective on the issues.

This conference aims to be a pivotal platform for scholars and professionals to share insights, discuss challenges, and shape the future of social computing in the context of AI and urban environments.

## Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| **8月30日 （周五）** | | | |
| **Time** | **Presenter** | **Theme** | **Venue** |
| 8:00 - 8:30 | Check-in and Guest Reception | | **Lecture Hall C** |
| 8:30 - 8:40 | 开场仪式 | |
| 8:40 - 9:10 | James Evans | Simulating Subjects: The Promise and Peril of AI Stand-ins for Social Agents and Interactions |
| 9:10 - 9:40 | Xiaoming Fu | IIDS: Intelligent Innovation Dataset for Scientific and Technological Knowledge Discovery and Advanced Data Analytics |
| 9:40 - 10:10 | Jar Der Luo  (罗家德) | An Exploration Study on the Interactive Effect of Diversity and Density on Innovation--A Interpretation from Yin-Yang Perspective |
| 10:10 - 10:25 | **Poster Exhibition & Tea Break** | |
| 10:25 - 10:55 | Mirco Musolesi | Modeling and Understanding Decision-Making in Societies of Humans and Artificial Agents |
| 10:55 - 11:25 | Steffen Staab | Investigating Fairness of Decision Making |
| 11:25 - 11:55 | Dah Ming Chiu | Experiences Collaborating with Social Scientists |
| 11:55 - 12:25 | Pan Hui  (许彬) | Urban Resilience and Equity in the Digital Age: Leveraging Social Computing for Crisis Management and Resource Allocation |
| 12:25 - 14:00 | **Poster Exhibition & Lunch** | | **Lecture Hall C** |
| 14:00 - 14:30 | Gareth Tyson | Challenges in Content Moderation within Decentralized Social Networks | **Lecture Hall C** |
| 14:30 - 15:00 | Yang Yu  (于洋) | AI+ECON for Market Power Regulation in Complex Markets |
| 15:00 - 15:30 | Zike Zhang  (张子柯) | Data Organization Limits the Predictability of Binary Classification |
| 15:30 - 16:00 | Yang Chen  (陈阳) | EasyGraph 2.0: Towards a Better Interdisciplinary Network Analysis |
| 16:00 - 16:15 | **Poster Exhibition & Tea Break** | |
| 16:15 - 16:45 | Wenzhong Li  (李文中) | Knowledge-Enhanced Graph Neural Network for Corporate Fraud Detection |
| 16:45 - 17:15 | Steven Jige Quan | Environmental Planning and Design with AI: New Trends and Opportunities |
| 17:15 - 17:45 | Yupeng Li  (李钰鹏) | Toward a Trustworthy Digital Future: Robust (Online) Learning and Fact-Checking |
| 17:45 - 18:15 | Edward Lee | Information Consumption and Firm Size |
| 18:15 - 20:00 | **Poster Exhibition & Dinner** | | **Third Floor** |

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| --- | --- | --- | --- |
| **8月31日 （周六）** | | | |
| **Time** | **Presenter** | **Theme** | **Venue** |
| 8:20 - 8:40 | Rui Cao  (曹瑞) | Mapping Urban Villages in China: Progress and Challenges | **Lecture Hall C** |
| 8:40 - 9:00 | Yuan Lai  (来源) | Urban Intelligence for Addressing Future Human Habitat Challenges |
| 9:00 - 9:20 | Xiaowen Dong | Urban Segregation: Going Beyond Residential Neighborhoods |
| 9:20 - 9:40 | Hong Huang  (黄宏) | Uncovering the Essence of Diverse Media Biases from the Semantic Embedding Space |
| 9:40 - 10:00 | Joshua Jackson | The Social Psychology of Large-Scale Societies |
| 10:00 - 10:20 | Lijian Wei  (韦立坚) | Enhancing Return Forecasting Using LSTM with Agent-based Synthetic Data |
| 10:20 - 10:35 | **Poster Exhibition & Tea Break** | |
| 10:35 - 10:55 | Yong Tang  (汤庸) | SCHOLAT: a Scholar-Centered Social Network |
| 10:55 - 11:15 | Charles Rahal | On the Responsible use of Pseudo-Random Number Generators in Applied Scientific Research |
| 11:15 - 11:35 | Shuai Xu  (胥帅) | Identifying Disinformation from Online Social Media via Dynamic Modeling across Propagation Stages |
| 11:35 - 11:55 | Hu Yang  (杨虎) | A Theory-Driven Deep Learning Model for Predicting Co-Investment Partner Selection |
| 11:55 - 12:15 | Douglas Guilbeault | Sociocognitive Observatories: Discovering and Augmenting Cognitive Structure using Large-Scale Social Data and Artificial Intelligence |
| 12:15 - 12:35 | Muzhi Zhou  (周穆之) | ChatGPT vs Social Survey:  Understanding the Objective and Subjective Society |
| 12:35 - 14:00 | **Award Ceremony & Lunch** | | **Lecture Hall C** |
| **Workshop** | | | |
| 14:00-15:00 | Jar Der Luo  (罗家德) | Community Building: Smart Grassroots Governance and Community Development | **E1-101** |
| 15:10-16:40 | Chaosu Li  (李超骕) | Large Language Models Used for Urban Studies (Using R) | **E1-227** |
| 15:10-17:40 | Ge Lin Kan  (阚林戈) | Geospatial Data Analysis (Using GeoDa) | **E1-228** |
| **会议结束** | | | |

## Guests Information

|  |  |
| --- | --- |
|  | <https://macss.uchicago.edu/directory/James-Evans> |
| James Evans |
| Professor, Director | |
| Department of Sociology | |
| University of Chicago, USA | |
| Dr. Evans is the Director of the Knowledge Lab, a Fellow in the Computation Institute, and the Co-Director for the Masters in Computational Social Science Program. In addition to his leadership duties, Dr. Evans is a Max Palevsky Professor in Sociology with research that focuses on the collective system of thinking and knowing, ranging from the distribution of attention and intuition, the origin of ideas and shared habits of reasoning to processes of agreement (and dispute), accumulation of certainty (and doubt), and the texture—novelty, ambiguity, topology—of human understanding. He is especially interested in innovation—how new ideas and practices emerge—and the role that social and technical institutions (e.g., the Internet, markets, collaborations) play in collective cognition and discovery. | |
| T | <https://www.mircomusolesi.org/> |
| Mirco Musolesi |
| Professor | |
| Department of Computer Science | |
| University College London (UCL), UK | |
| Mirco Musolesi is Professor of Computer Science at the Department of Computer Science at University College London, where he leads the Machine Intelligence Lab. He is also Professor of Computer Science at the University of Bologna, Italy. Previously, he held research and teaching positions at Dartmouth, Cambridge, St Andrews, and Birmingham. He has broad research interests spanning several traditional and emerging areas of Computer Science and beyond. More specifically, current research areas of his lab include machine learning/artificial intelligence (with a focus on AI-based decision making, generative artificial intelligence, and multi-agent systems), computational modeling of user/human/machine behavior, and machine intelligence for ubiquitous and cyber-physical systems. | |
|  | <https://www.ki.uni-stuttgart.de/institute/team/Staab-00004/> |
| Steffen Staab |
| Professor, Managing Director | |
| Department of the Analytic Computing | |
| University of Stuttgart, Germany | |
| Dr Steffen Staab is Professor for Analytic Computing at University of Stuttgart and holds a Chair for Web and Computer Science at University of Southampton. Steffen research interests span many aspects of Semantic Technologies, from the semantics of text to semantics of graph databases to machine learning that involves semantic issues. At the University of Stuttgart, he heads the Institute for Artificial Intelligence, is a spokesperson for the Cluster of Excellence in Data Integrated Simulation Science and a co-spokesperson for the Interchange Forum for Reflecting on Intelligent Systems. He has a co-founder of Semanux GmbH, a company dedicated to making computers easier to use for motorically disabled people. | |
|  | <http://www.net.informatik.uni-goettingen.de/?q=people/prof-dr-xiaoming-fu> |
| Xiaoming Fu |
| Chair Professor | |
| Institute of Computer Science | |
| University of Goettingen, Germany | |
| Prof. Xiaoming Fu received his Ph.D. in computer science from Tsinghua University, Beijing, China in 2000. He was then a research staff at Technical University Berlin until joining the University of Göttingen, Germany in 2002 as assistant professor, where he became a full professor of computer science and head of Computer Networks Group in 2007. He has spent research visits at universities of Cambridge, Columbia, UCLA, Tsinghua, Nanjing, Uppsala, UPMC, and Sydney. He has been the director of Sino-German Institute of Social Computing, University of Göttingen and a principal scientist at the Research Center for Social Intelligence, Fudan University.  Prof. Fu's research interests include networked systems, cloud and edge computing, big data and social computing. He is an IEEE Fellow, an ACM Distinguished Member, and a member of Academia Europaea, and is currently an editorial board member of IEEE Network and IEEE Transactions on Network and Service Management, and co-editor-in-chief of the Journal of Social Computing. He has served on organization/program committees of  leading conferences such as SIGCOMM, CoNEXT, MOBICOM, MOBIHOC, INFOCOM, ICNP, ICDCS, SDM and COSN. During 2011-2013 he served as chair of the Internet Technical Committee (ITC) of the IEEE Communications Society and the Internet Society. He has been a PI in EU FP6 ENABLE, VIDIOS, Daidalos-II, MING-T, H2020 COSAFE, HE CODECO and COVER projects, as well as coordinator and chief scientist of EU FP7 MobileCloud, GreenICN, CleanSky and H2020 ICN2020 projects. | |
|  | <http://staff.ie.cuhk.edu.hk/~dmchiu/> |
| Dah Ming Chiu |
| Emeritus Professor | |
| Department of Information Engineering | |
| Chinese University of Hong Kong, Hong Kong, China | |
| Prof. Dah Ming Chiu received his first degree from Imhis Ph.D. degree from Harvard University. He worked in industry for several hitech companies of his time: Bell Labs, DEC and Sun Microsystem Labs. He returned to academia in 2002 to become a professor  in the Department of Information Engineering at the Chinese University  of Hong Kong. He served as department chairman from 2009 to 2015.His recent research interests include Applied data analysis, Internet  content distribution, and network economics. One earlier project on  applied data analysis is on academic social networks, trying to understand  the academic community better through data mining publications and related  data. Dah Ming is an IEEE Fellow. He served as an Associate Editor for  IEEE/ACM Transactions on Networking from 2006 to 2011 and TPC member for  many conferences. He was the general co-chair of ACM Sigcomm 2013 held in  Hong Kong in August of 2013, with record breaking attendance. | |
|  | <https://www.demography.ox.ac.uk/people/charles-rahal> |
| Charles Rahal |
| Associate Professor | |
| Leverhulme Centre for Demographic Science | |
| University of Oxford, UK | |
| Charles is an Associate Professor in Data Science and Informatics at the University of Oxford, where he works with colleagues at the Leverhulme Centre for Demographic Science (and forms part of the Senior Management Board). He is currently a Co-Investigator at the ESRC funded Centre for Care (and on another ESRC Strategic Research Grant), and acts as the Local Network Coordinator for the UK Reproducibility Network (as part of Reproducible Research Oxford). He was also previously a British Academy Postdoctoral Fellow. His training includes degrees in Econometrics, Economics, Advanced Research Methods, and Investment and Finance, and his research focuses on methodological innovations which uncover patterns in large-scale observational data (with a focus on equality and equity). This includes but is not limited to population-wide scientometric analysis, model evaluation in machine learning, and quantitative approaches to the life course (broadly defined). He has published in many leading journals, and enjoys using Python, Bash and TeX to solve societal challenges in an Open and Reproducible way. | |
|  | <http://cityenergylab.cafe24.com/principal_investigator/?ckattempt=1> |
| Steven Jige Quan |
| Associate Professor | |
| Department of Environmental Planning / Urban and Regional Planning | |
| Seoul National University, Korea | |
| Steven Jige Quan is an Associate Professor and Director of the City Energy Lab in the Graduate School of Environmental Studies at Seoul National University, South Korea. His research spans smart and sustainable urban systems, urban form and energy, AI-aided design, urban thermal environment, and sustainable zoning systems. Before joining Seoul National University, Steven served as Department Chief Planner at the Beijing Tsinghua Tongheng Urban Planning & Design Institute, China, and worked as a Postdoctoral Researcher and Lecturer at Georgia Tech. He also held the role of Assistant Manager at the Tongji-Georgia Tech Sino-U.S. Eco Urban Lab. Steven holds a B.Arch and an M.Eng in Urban Planning from Tsinghua University, China, and an M.Sc in Computer Science and a Ph.D. in City and Regional Planning from Georgia Institute of Technology. He has published extensively in leading journals such as Renewable and Sustainable Energy Reviews, Energy and Buildings, Building and Environment, and Environment and Planning B. His work has been supported by several funding organizations, most notably the prestigious Outstanding Young Scientist Grant awarded by the National Research Foundation (NRF), South Korea. | |
|  | <https://eng.ox.ac.uk/people/xiaowen-dong/> |
| Xiaowen Dong |
| Associate Professor | |
| Department of Engineering Science | |
| University of Oxford, UK | |
| Xiaowen Dong is an associate professor in the Department of Engineering Science at the University of Oxford, where he is a member of both the Machine Learning Research Group and the Oxford-Man Institute. Prior to joining Oxford, he was a postdoctoral associate in the MIT Media Lab, where he remains as a research affiliate, and received his PhD degree from the Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland. His main research interests concern signal processing and machine learning techniques for analysing network data, and their applications in studying questions across social and economic sciences. | |
|  | <https://www.chicagobooth.edu/faculty/directory/j/joshua-conrad-jackson> |
| Joshua Jackson |
| Assistant Professor | |
| Booth School of Business | |
| University of Chicago, USA | |
| Joshua Conrad Jackson is a Neubauer Family Assistant Professor at the Booth School of Business, and a co-PI of the Chicago Culture Lab. His research focuses on how culture and psychology co-evolve over time. He is especially interested in how social psychology adapted to the evolution of large and diverse human societies throughout human history, and how new trends involving technology and globalization may change our social psychologies in the future. He received his BA from McGill University in 2013, his PhD from the University of North Carolina, Chapel Hill, in 2021, and worked at the Kellogg School of Management for two years as a post-doctoral fellow before joining Booth. He has also served as a visiting scholar at the Max Planck Institute for the Science of Human History and Melbourne University. | |
|  | <https://www.linkedin.com/in/douglas-guilbeault-6837bb106?original_referer=https%3A%2F%2Fwww.google.com%2F> |
| Douglas Guilbeault |
| Assistant Professor | |
| Graduate School of Business | |
| Stanford University, USA | |
| Guilbeault’s work lies at the intersection of cultural sociology, cognitive science, machine learning, organization studies, and philosophy. He received dual bachelor’s degrees in philosophy and rhetoric (with a minor in cognitive science) from the University of Waterloo, and a master’s degree in Cognitive Linguistics from the University of British Columbia. He then completed a PhD in Communications in the Network Dynamics Group at the University of Pennsylvania’s Annenberg School for Communication. He is co-director of the Berkeley-Stanford Computational Culture Lab, and a founding member of the theoretical cognitive science and machine learning collective comp-syn (which stands for “computational synesthesia”). His work has appeared in a number of top journals, including Nature, The Proceedings of the National Academy of the Sciences, and Management Science, as well as in popular news outlets, such as The Atlantic, Wired, and The Harvard Business Review. He has received top research awards from The Cognitive Science Society, The International Communication Association, and twice from The International Conference on Computational Social Science. | |
|  | <https://jour.hkbu.edu.hk/zh-hans/faculty-member/dr-li-yupeng/> |
| Yupeng Li |
| Assistant Professor | |
| Department of Interactive Media | |
| Hong Kong Baptist University, Hong Kong, China | |
| Dr. Yupeng Li research interests include robust machine learning algorithms, network science and systems, and algorithmic fairness. He is also committed to the innovation, design and practical application of algorithm theory in the interdisciplinary field. Dr. Lee received his Ph.D. in Computer Science from the University of Hong Kong, was a postdoctoral researcher at the University of Toronto, Canada, and is a member of IEEE and ACM | |
|  | <https://csh.ac.at/eddie-lee/> |
| Edward Lee |
| Postdoc | |
| Complexity Science Hub | |
| Austria | |
| Eddie Lee is an Austrian Science Fund ESPRIT Fellow at the Complexity Science Hub in Vienna. After earning a PhD in Theoretical Physics from Cornell University in 2019, he was a postdoctoral fellow at the Santa Fe Institute before moving to Vienna. His work is highly interdisciplinary, and he studies the role of information in bio-social systems such as in the neural connectome, social cascades, niche construction, voting, and innovation. | |
|  | <https://facultyprofiles.hkust-gz.edu.cn/faculty-personal-page/KAN-GeLin/gelin> |
| Ge Lin Kan |
| Professor, Thrust Head | |
| Thrust of Urban Governance and Design | |
| The Hong Kong University of Science and Technology (Guangzhou) | |
| Dr. Ge Lin KAN is the Head of UGOD Thrust of the Hong Kong University of Science and Technology (Guangzhou). He received his Ph.D. in Geography from State University of New York at Buffalo in 1996. Prior to joining HKUST (GZ) in January 2022, he was the Professor of Department of Environmental & Occupational Health, School of Public Health at University of Nevada Las Vegas. He served as the director of UNLV Nevada IDeA Network of Biomedical Research Excellence between 2015 and 2016, and he was the director (2011-2014) and Senior Scientist/Consultant (2015-2021) of Nebraska State Joint Public Health Data Center. His research interest includes GIS, spatial epidemiology, data integration, aging and urban health. | |
|  | <https://www.soc.tsinghua.edu.cn/info/1179/1142.htm> |
| Jar-Der Luo |
| Professor | |
| School of Social Sciences | |
| Tsinghua University | |
| Luo, Jar-Der is a Joint Appointed Professor, Social Science School and Public Administration School, Tsinghua University (Beijing), Chief Editor, Journal of Social Computing, and PI, Tsinghua U. Computational Social Sciences & National Governance Lab, Social Sec. He earned his Ph.D degree in Sociology Dept. of State U. of New York at Stony Brook, and his email address is jdluo@mail.tsinghua.edu.cn. He researches numerous topics in social network studies, including social capital, trust, social network in big data, network dynamics, self-organization process and Chinese indigenous management researches, such as guanxi, guanxi circle, favor exchange, mutual reinforcement and constraint between Yin and Yang, and dynamic balance theory. | |
|  | <https://facultyprofiles.hkust-gz.edu.cn/faculty-personal-page/HUI-Pan/panhui> |
| Pan Hui |
| Chair Professor | |
| Thrust of Computational Media and Arts | |
| The Hong Kong University of Science and Technology (Guangzhou) | |
| Pan Hui is a Chair Professor of Computational Media and Arts and Director of the Center for Metaverse and Computational Creativity at the Hong Kong University of Science and Technology (Guangzhou). He has published more than 500 research papers and with over 30,000 citations. Hui is an internationally recognized scholar, having been elected as an International Fellow of the Royal Academy of Engineering and a Member of the Academia Europaea. He is also an IEEE Fellow and an ACM Distinguished. In addition to his academic accomplishments, Hui is a founding member of the INTEPOL Expert Group on Metaverse and a member of the World Economic Forum’s Global Future Council on the Future of Metaverse. He obtained his Computer Science PhD degree from the University of Cambridge. | |
|  | <https://person.zju.edu.cn/zkz> |
| Zi-Ke Zhang |
| Professor | |
| College of Media and International Culture | |
| Zhejiang University | |
| Zi-Ke Zhang, Male, Ph.D in Information Physics in 2011 at University of Fribourg, Switzerland, now is serving as a full professor at College of Media and International Culture, Zhejiang University. His main research interests is the interdisciplinary area of data- and model-driven social computing oriented research questions, He has published more than 100 peer-reviewed journal papers with more than 6000 times from Google Scholar. He was also selected as Zhejiang Provincial Young academic Leaders (2017), and the Outstanding Teacher of Zhejiang Province (2018). | |
|  | <https://shi.buaa.edu.cn/yuyang/> |
| Yang yu |
| Professor | |
| School of Aeronautic Science and Engineering | |
| Beihang University | |
| Yang Yu graduated from Stanford University in June 2016 with a doctoral degree. He is currently the Director of the Artificial Intelligence International Academic Exchange Program at the Institute of Artificial Intelligence International Governance at Tsinghua University, and an Assistant Professor at the Institute of Cross Information at Tsinghua University. The main research directions include algorithmic economy, computational energy economics, computational ecology and environmental management, big data analysis of energy environment and ecology, and optimization operations research. Multiple academic papers formed through related research, and twice won the IEEE PESGM Best Paper Award. | |
|  | <https://cs.nju.edu.cn/lwz/index.htm> |
| Wenzhong Li |
| Professor | |
| Schoole of Computer Science | |
| Nanjing University | |
| Wenzhong Li receives his B.S. and Ph.D degree from Nanjing University, China, both in computer science. He was an Alexander von Humboldt Scholar Fellow in University of Goettingen, Germany. He is now a professor in the Department of Computer Science, Nanjing University. Dr. Li's research interests include distributed computing, big data mining and social networks. He has published over 150 peer-review papers at international conferences and journals, which include INFOCOM, UBICOMP, ACM TheWebConf, AAAI, IJCAI, ACM Multimedia, CVPR, IEEE Communications Magazine, IEEE/ACM Transactions on Networking (ToN), IEEE Journal on Selected Areas in Communications (JSAC), IEEE Transactions on Knowledge and Data Engineering (TKDE), IEEE Transactions on Parallel and Distributed Systems (TPDS), etc. He served as Program Co-chair of MobiArch 2013 and Registration Chair of ICNP 2013. He was the TPC member of several international conferences and the reviewer of many journals. He is the principle investigator of four fundings from NSFC, and the co-principle investigator of a China-Europe international research staff exchange program. Dr. Li is a member of IEEE, ACM, and China Computer Federation (CCF). He was also the winner of the Best Paper Award of ICC 2009, APNet 2018 and KSEM 2023. He was featured on Elsevier’s Most Cited Chinese Researchers in 2022-2023. | |
|  | <http://cs.scnu.edu.cn/a/20141110/1665.html> |
| Yong Tang |
| Professor | |
| School of Computer Science | |
| South China Normal University | |
| Yong Tang is the founder of SCHOLAT and Professor of the School of Computer Science at South China Normal University. He got his BS and MSc degrees from Wuhan University in 1985 and 1990 respectively, and PhD degree from University of Science and Technology of China in 2001, all in computer science. Before joined SCNU in 2009, he was vice Dean of School of Information of Science and Technology at Sun Yat-Sen University. He has published more than 200 papers and books. He has supervised more than 50 PhD students since 2003 and more than 200 Master students since 1996. His main research areas include data and knowledge engineering, social networking and collaborative intelligent applications. For more information please visit https://scholat.com/ytang | |
|  | <https://faculty.fudan.edu.cn/ychen/zh_CN/index.htm> |
| Yang Chen |
| Professor | |
| School of Computer Science | |
| Fudan University | |
| Yang Chen is a Professor within the School of Computer Science at Fudan University and a Vice Director of the Shanghai Key Lab of Intelligent Information Processing. He leads the Big Data and Networking (DataNET) group since 2014. Before joining Fudan, he was a postdoctoral associate at the Department of Computer Science, Duke University, USA. He received his BSc and Ph.D. degrees from Department of Electronic Engineering, Tsinghua University in 2004 and 2009, respectively. His research interests include social computing, Internet architecture and mobile computing. He served as an OC / TPC Member for many international conferences, including SOSP, SIGCOMM, WWW, MobiSys, ICDCS, IJCAI, AAAI, ECAI, IWQoS, and DASFAA. He is a Senior Member of ACM, IEEE and CCF. | |
|  | https://arch.tsinghua.edu.cn/info/rw\_csgh/2132 |
| Yuan Lai |
| Associate Professor | |
| School of Architecture | |
| Tsinghua University | |
| Prof. Yuan Lai is an Associate Professor at Tsinghua University School of Architecture Department of Urban Planning. His expertise lies at the intersection of urban information, applied data science, and urban systems. Prior to Tsinghua, Dr. Lai was a Lecturer in Urban Science and Planning at MIT Department of Urban Studies and Planning, and a research affiliate at NYU Marron Institute of Urban Management. His work has been featured at the United Nations, Bloomberg Technology, Urban Design Forum, NYC Media Lab, American Planning Association, and American Society of Civil Engineers. | |
|  | https://ie.cufe.edu.cn/info/1388/6215.htm |
| Hu Yang |
| Associate Professor | |
| School of Information | |
| Central University Finances and Economics | |
| YANG Hu, an associate professor, received his Ph.D. in 2014 from the Renmin University of China, Beijing. He has been a visiting scholar at the Department of Public Health, Aarhus University in Denmark, and the Department of Biostatistics, the University of Minnesota in the United States, and the Hokkaido University in Japan. He is currently working at the School of Information, Central University Finances and Economics. His research projects include big complex data analysis. He has published some academic papers in well-known journals, such as “Decision Support Systems”, “Information Sciences”, “International Review of Financial Analysis”, “Statistics in Medicine”, “Computational Statistics and Data Analysis”, “Information Processing & Management” and so on. He serves as an associate editor of the Journal of Social Computing and a reviewer of many journals and international conferences. | |
|  | <https://bus.sysu.edu.cn/teacher/WeiLijian>  <https://pattern.swarma.org/user/103651> |
| Lijian Wei |
| Associate Professor | |
| School of Business | |
| Sun Yat-sen University | |
| Lijian Wei, Associate Professor, Doctoral Supervisor, Yixian Scholar, Director of Big Data Center, School of Management, Sun Yat-sen University, Executive Head of Philosophy and Social Science Laboratory of Ministry of Education on Big Data Management Behaviour and Decision Making, Executive Director of Risk Management Technology Laboratory of CUHK Bay Valley, Recipient of the Distinguished Youth Project of Guangdong Natural Science Foundation and Guangzhou High-level Financial Talent. He is the editorial director of International Journal of Financial Engineering. His main research areas are financial technology and computational experimental finance, and he has long been devoted to the research of complex systems theory and computer technology in computational social sciences, especially the use of computational experimental methods to analyse the complex dynamics of financial markets. His research results have been published in prestigious journals in the field, such as Journal of Economic Dynamics and Control and Journal of Management Science, etc., and his results have been selected as ESI Hot Papers and Highly Cited Papers. He has provided many policy recommendations for national and local financial and economic development, and his research ideas have been reported by CCTV News, CCTV Finance and Economics, People's Daily and Learning Country. | |
|  | <http://faculty.hust.edu.cn/honghuang/zh_CN/index.htm> |
| Huang Hong |
| Associate Professor | |
| School of Computer Science | |
| Huazhong University of Science and Technology | |
| Hong Huang is an Associate Professor within the School of Computer Science at Huazhong University of Science and Technology. She received her Ph.D. degree from University of Göttingen in 2016 and her Mater degree from Tsinghua University in 2012. Her research interests include social computing, artificial intelligence and ai4science. She served as SPC / PC Members for many international conferences, including KDD, WWW, IJCAI, AAAI, ECAI, WSDM, etc.. | |
|  | https://faculty.nuaa.edu.cn/xushuai/zh\_CN/index.htm |
| Shuai Xu |
| Associate Professor | |
| College of Computer Science and Technology | |
| Nanjing University of Aeronautics and Astronautics | |
| Shuai Xu received his B.S. degree from Northeastern University (China) in 2014 and Ph.D degree from Southeast University (China) in 2020, respectively, both in computer science. He used to be a CSC Joint-PhD student at Georg-August-University of Göttingen (Germany). He is now a tenured associate professor in the College of Computer Science, Nanjing University of Aeronautics and Astronautics. His research interests include smart city, big data mining and social networks. He has published over 30 peer-review papers at international conferences and journals. He was the TPC member of several international conferences and the reviewer of many journals. He is a member of IEEE/ACM/CCF. | |
|  | <https://facultyprofiles.hkust-gz.edu.cn/faculty-personal-page/LI-Chaosu/chaosuli> |
| Chaosu Li |
| Assistant Professor | |
| Thrust of Urban Governance and Design | |
| The Hong Kong University of Science and Technology (Guangzhou) | |
| Dr. Chaosu LI is an assistant professor in the Urban Governance and Design Thrust at the Hong Kong University of Science and Technology (Guangzhou). Previously, he was a postdoctoral researcher at the Center for Urban and Regional Studies (CURS), University of North Carolina at Chapel Hill (UNC-Chapel Hill). Dr. Li received his master degree in City and Regional Planning from Peking University and Ph.D. in City and Regional Planning from UNC-Chapel Hill. He has expertise in urban form, urban sustainability and resilience, applied GIS, and urban big data analytics. His work has been published in the Journal of the American Planning Association(JAPA), Journal of Planning Education and Research(JPER), Environment and Planning A, Environment and Planning B, Land Use Policy, Journal of Environmental Management, Journal of Environmental Planning and Management, Renewable and Sustainable Energy Reviews, Energy and Buildings, plus other journals. Dr. Li's research projects have been supported by the National Natural Science Foundation of China (NSFC), the joint funding scheme of the National Natural Science Foundation of China (NSFC) and the Macao Science and Technology Development Fund, the Macao Foundation, and the Guangdong Provincial Natural Science Foundation, among others. | |
|  | <https://facultyprofiles.hkust-gz.edu.cn/faculty-personal-page/ZHOU-Muzhi/mzzhou> |
| Muzhi Zhou |
| Assistant Professor | |
| Thrust of Urban Governance and Design | |
| The Hong Kong University of Science and Technology (Guangzhou) | |
| Dr. Muzhi Zhou is an Assistant Professor in the Urban Governance and Design Thrust at the Hong Kong University of Science and Technology (Guangzhou) beginning from January 2022. Previously, she was a postdoctoral researcher at the Department of Sociology, University of Oxford, supported by the European Research Council. Dr. Zhou received her Ph.D. in Sociology from the University of Oxford in 2019.  She has expertise in the field of gender and family, life course and digital inequality. She studies how critical life events, such as marriage and childbirth, reshape people’s lives in East Asia and Western Societies, where the culture, social policies and welfare regimes differ. Her recent work focuses on how social inequalities are reflected in the digital/virtual society and their interconnectedness with the physical world. Her work has been published in top journals such as Gender & Society, Population and Development Review, Demographic Research, and Chinese Sociological Review. | |
|  | <https://facultyprofiles.hkust-gz.edu.cn/faculty-personal-page/CAO-Rui/ruicao> |
| Rui Cao |
| Assistant Professor | |
| Thrust of Urban Governance and Design | |
| The Hong Kong University of Science and Technology (Guangzhou) | |
| Dr. Rui Cao is currently an Assistant Professor at the Urban Governance and Design Thrust, the Hong Kong University of Science and Technology (Guangzhou). Before joining HKUST(GZ), he worked at the Department of Land Surveying and Geo-Informatics and the Smart Cities Research Institute, The Hong Kong Polytechnic University. He received his PhD degree from The University of Nottingham and his MEng and BEng Degrees from Wuhan University. He is specialized in GIScience and particularly interested in GeoAI and Urban Informatics, with an ultimate goal of contributing to sustainable and human-centered smart cities for the benefit of society. | |
|  | <https://facultyprofiles.hkust-gz.edu.cn/faculty-personal-page/TYSON-GarethJohn/gtyson> |
| Gareth Tyson |
| Assistant Professor | |
| Thrust of Internet of Things | |
| The Hong Kong University of Science and Technology (Guangzhou) | |
| Prof. Gareth Tyson is based at the Hong Kong University of Science and Technology (GZ). His research is primarily in the field of Internet measurements, with a focus on Web and Social Computing. He uses empirical methods to evaluate the properties of such systems, and then builds on this to propose design innovations. He regularly publishes in venues such as SIGCOMM, SIGMETRICS, WWW, INFOCOM and IMC. He has been awarded the IRTF Applied Networking Research Award 2023; Distinguished TPC Member at CoNEXT 2022; WOAH Shared Task on Hateful Memes Prize 2021; the Best Student Paper Award at the Web Conference 2020; the Best Paper Award at eCrime'19; the Honourable Mention Award at the Web Conference 2018 (best paper in track); and the Best Presentation Award at INFOCOM'18. He received QMUL's Faculty Research Excellence Award in 2021 and the Brendan Murphy Memorial Young Researcher Prize in 2013. | |

## Award

There are five awards set up for this conference,

1. **Best Academic Poster Award**: Presented to participants who demonstrate outstanding performance in academic poster design, content presentation, and innovation.

2. **Most Creative Award**: Recognizing participants who exhibit unique creativity and ideas in poster design, thematic presentation, or information dissemination.

3. **Best Visual Impact Award**: Acknowledging academic posters that excel in aesthetics, layout, imagery, and color usage.

4. **Best Content Award**: Encouraging academic poster designers who delve deep into academic content and accurately convey it.

5. **Best Academic Value Award**: Recognizing academic posters that make significant contributions in academic research, discoveries, or practical value.

## Venue Information

**MAP**



更详细的地图可在微信小程序科大go中点击校园导航查看

A more detailed map can be viewed in the WeChat mini-program “科大go” by clicking on the campus navigation.

**EAT**

We offer lunch on the 30th and dinner on the 30th and 31st. For the breakfast, you can go to the **food court** by yourself.

**PARKING**

The parking lots are all located underground, and the entrances and exits are shown in the picture.

校园内有地下停车场，进出口如图所示。



**Application for admission**

来访人员，请在微信小程序“科大go”中申请访客预约，具体见下图：



## Accommodation

We recommend that participants stay in the on-campus guest rooms during the conference. The available room types are:

* Single Room (No balcony: ¥260/day, With balcony: ¥300/day)
* Twin Room (¥360/day)
* Triple Room (¥480/day)

Additionally, there are off-campus partner hotels available, including Nansha Sheraton, Nansha Mulianzhuang Hotel, and Nansha Garden Hotel (further from the campus).

Note: As the start of the school term is approaching, on-campus guest rooms are in high demand. Please register early so we can reserve a room for you.

Schematic map of the location of the room：



Invoice:



备注 Remark：

1. 办理入住：入住当天15:00后，自行到对应客房楼栋的一楼前台找宿管办理；

2. 办理退房：退房当天的12:00前，请带齐房间内的个人物品，并将房卡归还至前台；

3. 行李寄存：如有需要可将行李寄存在前台暂存，需及时领取；

4. 注：客房入住人员不得携带宠物入住。

客房前台电话：

6C栋：020-88331002

5C栋：020-88331003

## Travel Information

**Transportation Options:**

* Attendees can fly into Guangzhou Baiyun International Airport or Shenzhen Bao'an International Airport.
* High-speed rail options are available through Qing Sheng Station and Guangzhou South Station.
* Public transportation is accessible via Guangzhou Metro Line 4 to Dongchong Station or the Hong Kong University of Science and Technology (Guangzhou) Station by bus.
* Taxis can be taken directly to the main entrance (Gate 1) of the Hong Kong University of Science and Technology (Guangzhou).
* For those driving, the university has a designated entrance (Gate 2), but vehicle information should be reported in advance.

**Local Attractions:**

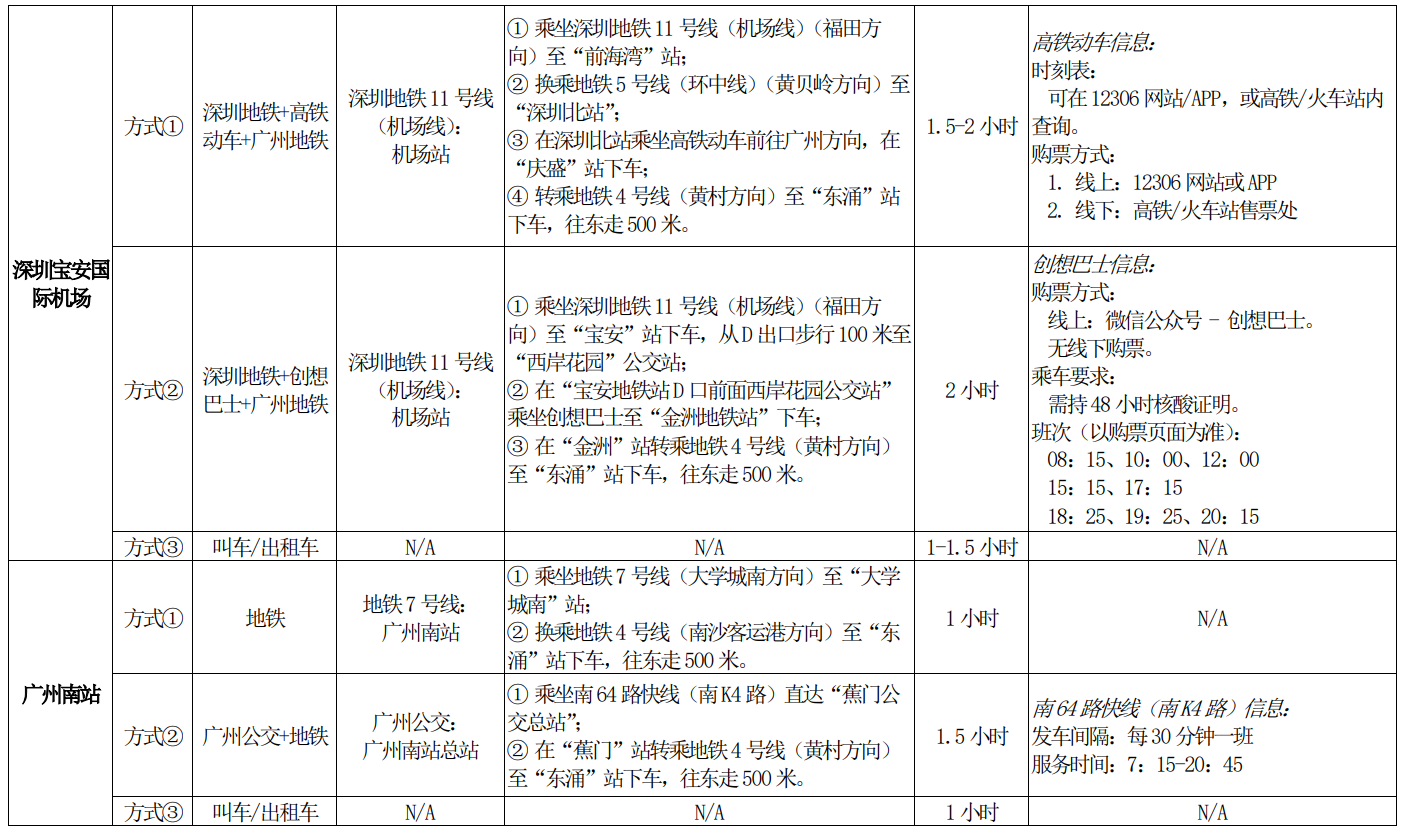
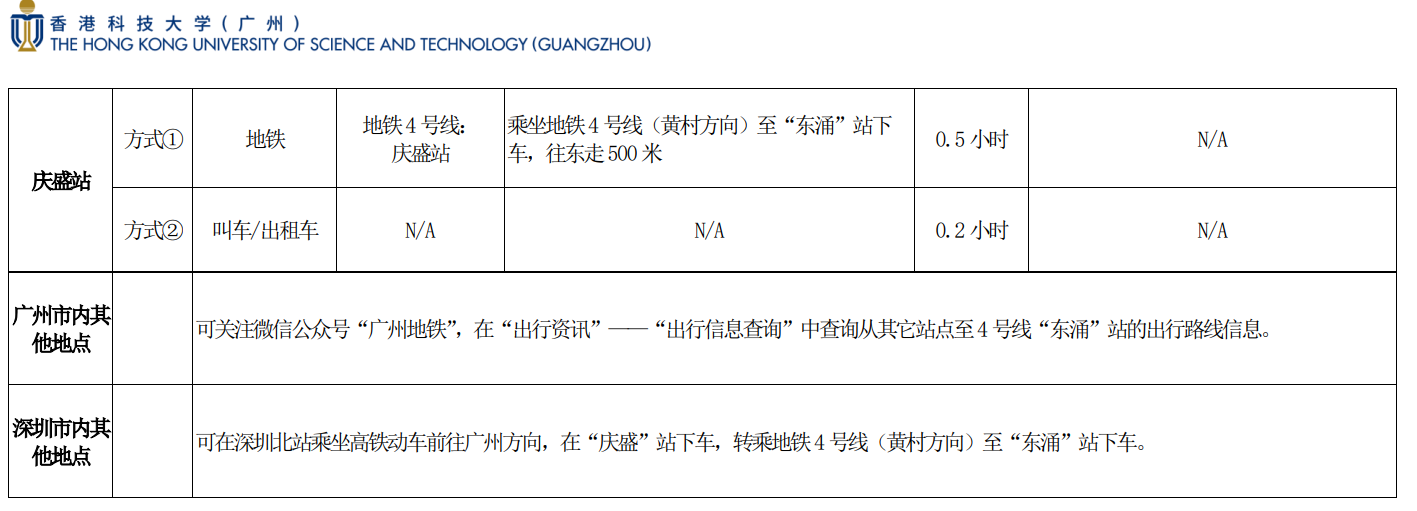
During their stay, attendees can explore various local attractions in Guangzhou, such as:

* Canton Fair Complex, which is a significant trade event venue.
* Baiyun Mountain, known for its scenic beauty and fresh air.
* Shamian Island, a historical area with European-style architecture.
* Chimelong Tourist Resort, offering theme parks and wildlife parks.

**Additional Tips:**

* The conference venue is located in Nansha District, which is known for its natural landscapes and cultural heritage sites.
* Attendees are encouraged to check the local weather and plan their travel accordingly.
* It is advisable to book accommodations and transportation well in advance due to the high demand during the conference period.



When you arrive at Dong Chong Station, please take Exit A and follow the signs to the school.



## Conference invoice & Contact Information

We will provide a conference invoice registration link during the conference, please be patient and wait.

If there are any questions, you can contact us via email: [2024icsc@hkust-gz.edu.cn](mailto:2024icsc@hkust-gz.edu.cn)

You can also scan the QR code to join the WeChat group for inquiries:

