



City+2023@Perth: Geospatial Big Data and Artificial Intelligence for Cities

An International Conference for Early Career Researchers and PhD Students on Urban Studies

September 8-10, 2023

Website: <https://yongzesong.com/cityplus-2023/>

Call for Abstracts

City+ is organising annual international conferences for early career researchers and PhD students on urban studies. The first event, City+2017@Cambridge, was launched at University of Cambridge, followed by City+2018@London at University College London, City+2019@Delft at Delft University of Technology, City+2021 @Milan at Polytechnic University of Milan, and City+2022@Canberra at Australian National University. To date, our conferences have already attracted more than 320 delegates coming from a number of universities and institutions across countries in Africa, Asia, Europe, North America, and Oceania. It has demonstrated its potential to be a good platform for sharing research experiences and thinking, developing cooperation opportunities, and addressing urban concerns from multiple perspectives.

Our forthcoming conference, City+2023@Perth, will be held in September 2023 at Curtin University, an innovative, global university (Australia, Malaysia, Singapore, Dubai, and Mauritius) known for its high-impact research, strong industry partnerships and commitment to preparing students for jobs of the future. The conference is hosted by the AI and Spatial Analysis Team of the School of Design and the Built Environment. We hope that City+2023@Perth can facilitate young researchers to work closely at the forefront of urban studies through disseminating their research, receiving valuable feedback, expanding academic networks and boosting potential collaborations.

We are now calling for abstracts of papers and short courses on related topics, and sincerely invite you to participate in this conference online or offline.

1. Conference Sessions

The general theme of the conference is **“Geospatial Big Data and Artificial Intelligence for Cities”**. City+2023@Perth invites the submission of the unpublished/published research or proposals to the following sessions:

- **Short course session (Online).** Will introduce the latest methods and tools. Includes 40-min talk and 20-min discussion for each course.
- **Poster session (Online).** 6-min video presentation for each poster.

- **Keynotes (Physical and online).** Includes 40-min talk and 20-min discussion for each keynote.
- **Industry workshop (Physical in Perth).** Includes 15-min talk for each industry speaker.
- **Session 1. Advances in geospatial research and industries (Physical in Perth).** Includes 15-min talk each
- **Session 2. Geospatial big data and AI (Online).** Includes 15-min talk each
- **Session 3. Transport and health (Online).** Includes 15-min talk each
- **Session 4. Sustainable cities and infrastructure (Online).** Includes 15-min talk each
- **Session 5. Spatial methods (Online).** Includes 15-min talk each

2. Submission Description

- Registration fee: Free
- Conference type: Hybrid meeting (physical and online)
- Presentation language: English
- Presentation format: Oral speech (15 min) or poster presentation (6-min videos)

All submitted abstracts will be considered by the Organising Committee and assessed according to the selection criteria. All abstracts, including posters and paper presentations, physical or online, must be submitted through the submission website: <https://yongzesong.com/cityplus-2023-submit-abstract/>

Short courses aimed at providing learning opportunities for students and early career researchers. We prefer short courses that can introduce advanced methods and tools for geospatial and urban data analysis. A short course includes a 40-min presentation of the latest methods and tools and a 20-min discussion. Short course proposals must be submitted through the following website:

<https://yongzesong.com/cityplus-2023-submit-short-courses/>

3. Key Dates (Perth/Beijing/Singapore time)

6 February 2023	Open for submitting abstracts and short courses
9 March 2023	Deadline for short course proposals
8 April, 2023	Deadline for submitting paper and poster abstracts
7 May 2023	Selected abstracts and short courses notified
8-10 September 2023	Conference dates

4. Keynote Speakers

We have invited some keynote speakers, and they are:

- Prof. Melanie Johnston-Hollitt, Director, Curtin Institute for Computation, Curtin University, Australia
- Dr. Filip Biljecki, Director, NUS Urban Analytics Lab, National University of Singapore, Singapore
- Prof. Yong Ge, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, China

- Dr. Miguel González-Leonardo, Research Scholar, International Institute for Applied Systems Analysis, Austria; Honorary Research Fellow, University of Liverpool, the UK
- Mr. Lalinda Karunaratne, Road Asset Modelling Specialist, Main Roads Western Australia, Australia
- Mr. Tom Bos, GIS Specialist, Rio Tinto Group, Australia

5. Organizers

▪ Organising Institutes

- School of Design and the Built Environment, Curtin University
- City+ Research Network

▪ Organising Committee

- Yongze Song (Chair), Curtin University, Australia
- Nasser Najibi, Cornell University, the United States
- Arianna Salazar Miranda, Massachusetts Institute of Technology (MIT), the United States
- Franz-Benjamin Mocnik, University of Twente, the Netherlands
- René Westerholt, TU Dortmund University, Germany
- Aynaz Lotfata, University of California, Davis, the United States
- Iacopo Testi, Massachusetts Institute of Technology (MIT), the United States
- Motti Zohar, University of Haifa, Israel
- Siqin (Sisi) Wang, University of Queensland, Australia; University of Tokyo, Japan
- Ziqi Li, University of Glasgow, the UK
- Muhammad Bilal Shaikh, Edith Cowan University, Australia; CSIRO, Australia
- Sania Zahan, University of Western Australia, Australia
- Bin Chen, The University of Hong Kong, Hong Kong SAR
- Qiusheng Wu, University of Tennessee, United States
- Fernando Benitez, University of St Andrews, the UK
- Peng Luo, Technical University of Munich, Germany
- Gang (Adam) Lin, Curtin University, Australia
- Zehua Zhang, Curtin University, Australia
- Abolfazl Karimpour, State University of New York, the United States
- Liang Ma, Peking University, China
- Surakshya Dhakal, University of Manchester, the UK
- Madelyn Cook, Curtin University, Australia
- Kai Ren, Curtin University, Australia

▪ City+ Committee

- Yongping Zhang (Chair), Zhejiang University, China
- Mengqiu Cao (Co-chair), University of Westminster, the UK
- Zhifu Mi (Co-chair), University College London, the UK

- Tianren Yang (Co-chair), University of Hong Kong, Hong Kong SAR
- Lorenzo Ceccon, Politecnico di Milano, Italy
- Frank Chuang, the Alan Turing Institute, the UK
- Mingjie Dai, City University of Macau, Macau SAR
- Yiru Jia, Beijing Forestry University, China
- Yang Liang, Polytechnic University of Milan, Italy
- Zhicheng Liu, Univeristy College London, the UK
- Annalisa Rollandi, Politecnico di Milano, Italy
- Fred C. Sanders, Delft University of Technology, the Netherlands
- Yang Song, Zhejiang University, China
- Juan Yan, Tongji University, China
- Huajie Yang, City University of Macau, Macau SAR
- Peiheng Yu, The Hong Kong Polytechnic University, Hong Kong SAR
- Pengcheng Zeng, Politecnico di Milano, Italy
- Tuyu Zhou, Australian National University, Australia

6. Call for City+ 2024

We are also inviting the interested persons/organisations to host the City+ 2024 conference. Details can be found at: <https://yongzesong.com/cityplus-2023-news-call-for-hosting/>

7. Contact Information

Website: <https://yongzesong.com/cityplus-2023/>

Linkedin: [City+ International Conference](#)

Twitter: [City+](#) (@CityPlusNetwork)

Wechat Official Account: CityPlus2016

For more information or inquiries, please feel free to contact us via: cityplus2023@gmail.com.