



MAX PLANCK INSTITUTE  
FOR DEMOGRAPHIC RESEARCH

## Call for Abstracts

### Workshop at *Conference on Complex Systems 2022*: **Migration and Mobility Research in the Digital Era** **MIMODE 2022**

- A satellite event of the *Conference on Complex Systems 2022*
- Date of Event: October 19-20, 2022 (half-day session)
- Submissions Deadline: June 19, 2022
- Venue: Palma De Mallorca, Spain (and virtual)
- Previous event: *MIMODE2021*
- Contact: *mimode2022@easychair.org*

The recent availability of massive amounts of digital data have profoundly revolutionized research on migration and mobility, enabling scientists to quantitatively study individual and collective mobility patterns at different granularities as generated by human activities in their daily life. Harnessing such digital data offers many new opportunities to study migration and mobility and fill in the gaps left by traditional data. At the same time, such innovative data sources also come with several limitations, biases, and challenges, which have led to diverging research methodologies and frameworks, requiring even greater effort in their operationalization and communication to stakeholders and policy makers.

The aim of this satellite session is to bring together researchers from different fields and practitioners from around the world to facilitate a conversation on the use of innovative digital data sources, new methodologies, empirical findings, and critical challenges of studying migration and mobility in the digital era.

1. Topics of interest include, but are not limited to:
2. New data sources for mobility and migration research, challenges and opportunities
3. Internal and international migration, short- and long-term mobility
4. Modeling and predicting human mobility patterns
5. Machine learning and AI methods for studying mobility
6. Longitudinal analyses and empirical studies of mobility and migration
7. Socio-economic and environmental drivers of migration
8. Integration and segregation of migrant populations
9. Measuring the impact of natural disasters, conflicts, climate change, and the COVID-19 pandemic on migration
10. Access to mobility data, open science, and privacy concerns
11. Evaluation and development of migration policy

## Call for Abstracts

We welcome submissions of abstracts on ongoing or published work that fit the topics of the event. The submissions must be a single PDF-file of maximum 2 pages in English including the title, list of authors and affiliations, abstract text, descriptive figure or table, and references (optional). The abstracts can be in any format or style as long as they do not exceed the page and word limits. Alternatively, authors can use an abstract template (click [here](#) to view our optional formatting template).

Abstracts must be submitted electronically by **June 19, 2022**, through the EasyChair platform at the following link: <https://easychair.org/conferences/?conf=mimode2022>

All submissions will be evaluated by the Program Committee on the basis of quality and fit to the satellite theme.

Oral presentations will be allocated about 12 minutes, followed by 5 minutes of Q&A. Please note that the presenting author must register to the main conference as announced on [CCS2022](#) website.

## Important Dates

June 19, 2022 – Deadline for abstract submissions (midnight CEST)

July 11, 2022 – Notification of abstract acceptance for oral presentation

July 25, 2022 – Deadline for early bird registration

October 19-20, 2022 – MIMODE 2022 satellite (half-day session)

## Registration & Venue

MIMODE 2022 is a satellite of the *Conference on Complex Systems CCS2022*, and will take place in Palma de Mallorca, Spain (and online) on October 19-20, 2022.

Satellite participants (with or without abstract submission) will have to register following the procedure described in the CCS2022 conference website: <https://www.ccs2022.org/index.php/registration/registration-fees>

Presenting authors can indicate their availability to travel to Spain in October 2022 in the submission platform. We will consider researchers' needs and organize our satellite event accordingly as we approach the date of the event. More details will follow soon.

The conference venue will be the Auditorium of Palma de Mallorca Convention Center located in: Paseo Marítimo 18, 07014, Palma de Mallorca, Illes Balears (Spain).

To know more about the venue, please visit the conference website: <https://www.ccs2022.org/index.php/general-information/venue>

## Organizers

**Jisu Kim**, Research Scientist, Laboratory of Digital and Computational Demography, MPIDR.

Jisu holds a PhD in Data Science from Scuola Normale Superiore in Italy. She has worked on exploring and establishing novel methods to improve relevant statistics of international migration using social media data. Her research focuses on the intersection of migration sciences, economics of migration, complex social networks, statistical models and data-driven algorithms.

**Daniela Perrotta**, Research Scientist, Laboratory of Digital and Computational Demography, MPIDR.

Daniela Perrotta completed her PhD in Complex Systems for Life Sciences at the University of Turin with a fellowship at the Laboratory of Digital and Computational Epidemiology at the ISI Foundation in Italy. Her research focuses on harnessing innovative data-collection schemes and computational methods for modeling human mobility and disease spread.