

## CALL FOR PARTICIPATION

### BIGSSS Computational Social Science Summer School on Migration

June 10-21, 2019 @ Sardinia, Italy

*We invite junior researchers to apply for participation in the CSS summer school on data-driven modeling of migration.*

*Women are especially encouraged to apply!*

The CSS summer schools serve as a research incubator aimed at fostering the use of data-driven methods in the social sciences and developing a contribution to the research fields of conflict, migration, and social cohesion. The 2019 summer school focuses on migration research.

During the summer school, eight teams of five people will work on a specific research project. Each team consists of three junior researchers and two senior experts/supervisors, with strong methodological expertise in CSS and in the field of migration research. Each team will work through the whole research process with the aim to prepare a manuscript for scientific publication.

Each project combines CSS methods with a research focus on migration. This involves data-driven modeling of migration and making use of simulation or prediction techniques. The projects may look, for example, into the consequences of migration and its relation to conflicts and social cohesion.

#### Keynote Speakers

Marta C. González | University of California (USA)

Emilio Zagheni | Max Planck Institute for Demographic Research, Germany

George Barnett | UC Davis, USA

Dirk Brockmann | Humboldt University Berlin, Germany

#### Projects and Experts

Social Integration and the Urban Form: Measuring Immigrants' Integration through Urban Mobility Patterns | *Marta C. González & Luis E. Olmos* (both University of California Berkeley, USA)

Analyzing the Social Integration of Refugees through Text Analysis of Online Social Media | *Claire Kelling* (Penn State University, USA) & *Mohsen Mosleh* (Massachusetts Institute of Technology, USA)

Behavioral Consequences of Group Threat – Ethnic Derogation on YouTube in the Aftermath of Threatening Events | *Christoph Spörlein & Stephan Dochow* (both University of Bamberg, Germany)

A Test of the Schelling model of Spatial Segregation | *Carolina Zuccotti* (European University Institute, Italy) & *Jan Lorenz* (Jacobs University, Bremen)

Digital and Computational Approaches to Study Migration | *Ingmar Weber* (Qatar Computing Research Institute, Qatar), *Emilio Zagheni & André Grow* (both Max Planck Institute for Demographic Research, Germany) & *Kiran Garimella* (Ecole Polytechnique Federale de Lausanne, France)

Global Migration Modelling with MIDAS | *Stefano Balbi* (Basque Centre for Climate Change, Spain) & *Helen Adams* (King's College London, UK)

Migration Data Innovation for Evidence-Informed Policy-making | *Michele Vespe & Lorenzo Gabrielli* (both European Commission – Joint Research Centre, Italy)

#### Venue and accommodation

The summer school will take place from June 10-21, 2019 on Sardinia, Italy. The exact location will be announced later.

We offer accommodation in shared double rooms including half board. The hotel will be announced later.

#### Travel grant

Applicants may apply for a travel grant within the limits regulated by the Volkswagen Foundation.

#### Fee

We charge a registration fee of 250 Euro. The fee can be waived for participants from low-income countries.

#### Application

Please submit the following material in one pdf file by **February 17, 2019**:

- A letter of motivation for participation (1 page max),
- your CV,
- a preference ranking of at least three projects you would like to participate in,
- a brief explanation of your need of a travel grant if applicable.

Instructions for submission:

<https://bigsss-css.jacobs-university.de/calls/application/>

#### Contact

Arline Rave (BIGSSS)  
Organizational management

Jan Lorenz (BIGSSS)  
Scientific management

✉ [css@bigsss-bremen.de](mailto:css@bigsss-bremen.de)

🐦 @BIGSSS\_summer

**Check our website for more information:**

<https://bigsss-css.jacobs-university.de>