

SUMMER INSTITUTE IN COMPUTATIONAL SOCIAL SCIENCE

(Cape Town, June 18 - 29, 2018)

Overview

- ▶ The purpose of the Summer Institute is to introduce graduate students and beginning faculty in the social and data sciences (broadly conceived) to computational social science – the use of digital-age data sources and methods to conduct social research.
- ▶ The program will highlight issues about access, privacy, and confidentiality that are raised by the emergence of computational data and methods.
- ▶ The institute will also introduce participants to a network of scholars across disciplines with similar interests in these new data and methods.

Planning & Topics

- ▶ Date: June 18 - 29, 2018 (application accepted until **May, 7**)
- ▶ Place: University of Cape Town (venue to be confirmed)
- ▶ Participants: Master students (if place available), Ph.D. students, postdoctoral researchers, and faculty from South Africa
 - 10 from computational science
 - 15 from social science (Sociology, Demography, political science...)
- ▶ Topics to be covered include:
 - Text as data
 - Website scraping
 - Digital field experiments
 - Non-probability sampling
 - Mass collaboration, and
 - Ethics

Speakers (more to come)

- ▶ Organizer (for more information): Vissého Adjiwanou, Centre for Actuarial Research (CARE), University of Cape Town
- ▶ Faculty: Tom Moultrie, Centre for Actuarial Research (CARE), University of Cape Town
- ▶ Speakers (livestream): Matthew Salganik (Princeton), Chris Bail (Duke), David Lazer (Harvard), Sendhil Mullainathan (Harvard) Duncan Watts (Microsoft research)

Schedule: first week (June 18 - 23)

- ▶ On site presentation, live streaming from Duke University, and video presentation
- ▶ Tentative schedule
 - 9:00-9:15 Logistics (No livestream)
 - 9:15-10:45 Group Exercise on specific topic
 - 10:45-11:00 Coffee Break (freely provided)
 - 11:00-12:00 Local presentation / specific training
 - 12:00-1:00 Lunch (freely provided)
 - 1:00-3:00 Guest Speaker and discussion (Video from Duke)
 - 3:00-4:00 Lecture in specific topic of the day (livestream from Duke)
 - 4:00-4:15 Coffee Break (freely provided)
 - 4:15-6:00 Lecture in specific topic of the day (livestream from Duke)

Schedule: second week (June 25 - 29)

- ▶ Development of a group project on a topic related to Sustainable Development Goals (SDG)
- ▶ Funds are available to conduct this collaborative project
- ▶ Five groups to be created, each composed of 2 CS and 3 SC
- ▶ Possible publication in a special issue on Computational Social Science in Africa