

# The 2nd Joint CCSS-UvA Workshop on Computational Social Science and Intelligent Systems, Amsterdam 2025



WED

MAR.5  
9:45~17:10

Informatics Institute,  
at Science Park Campus  
University of Amsterdam

THU

MAR.6  
11:00~16:00

Faculty of Social and Behavioural  
Sciences at Roeterseiland Campus,  
University of Amsterdam

The 2nd Joint CCSS-UvA Workshop on Computational Social Science and Intelligent Systems will be held at the University of Amsterdam on March 5-6, 2025. The Day 1 of the workshop aims to bring researchers together from both universities to exchange research experiences in computational social science and explore possibilities for long-term and closer collaboration. On the Day 2 of the workshop, researchers involved in establishing new courses and departments in data science and computational social science within the social sciences at both universities will gather to share their experiences. The aim of this workshop is to provide an opportunity to explore ways to address the problems and challenges that each institution is facing.

Throughout this two-day workshop, we believe that participants will not only share research applying computational social science methods and engage in exchanges that could lead to collaborative research, but also share information on management and problem-solving related to launching new courses and departments. This will undoubtedly be a valuable experience for all involved.

# DAY 1 at Science Park Campus

- 9:45-10:00 Walk-in and Registration
- 10:00-10:10 Opening Remarks and Introduction  
Masahiko Shibamoto (Deputy Director, CCSS, Kobe University)  
Ivan Romic (CCSS, Kobe University)  
Fernando P. Santos (Informatics Institute, UvA)
- 10:10-10:40 "Cooperation and Reputation Dynamics in Hybrid Populations"  
Alexandre Pires (Informatics Institute, UvA)
- 10:45-11:15 "Can LLMs Mirror Human Cooperation? Insights from Social Dilemmas"  
Ivan Romic (CCSS, Kobe University)
- 11:20-11:50 "A Foundation Model for the Earth System"  
Ana Lucic (Institute for Logic, Language, and Computation / Informatics Institute, UvA)
- 12:00-13:00 Lunch Break
- 13:00-13:15 "Taming the 'Complexity' of Social Behavior: A Computational Approach to Social Norms"  
Dhruv Mittal (Informatics Institute, UvA)
- 13:15-13:30 "Computational Approaches to Mental Health at the Symptom Level"  
Kyuri Park (Informatics Institute, UvA)
- 13:35-14:05 "AI4FinTech and Explaining the Fraud "  
Erman Acar (Institute for Logic, Language, and Computation / Informatics Institute, UvA)
- 14:10-14:40 "Identification of Relationship Lending in Bank-Borrower Networks"  
Yoshitaka Ogisu (Faculty of Economics, Konan University)
- 14:40-15:30 Coffee Break / Discussion
- 15:30-16:00 "Strategic Classification Dynamics "  
Marta C Couto (Informatics Institute, UvA)
- 16:05-16:35 "A Clustering Approach to Understanding Social Adaptation to Intermittent Water Supply"  
Shreyas Gadge (Institute for Biodiversity and Ecosystem Dynamics, UvA)
- 16:40-17:10 "Dynamic Industry Segmentation for Anonymized Data: Methodology and Insights from the Entertainment Industry"  
Shoka Hayaki (Faculty of Economics, Kagawa University / RIEB, Kobe University)

## at Roeterseiland Campus DAY 2

### Session 1: Educational Talk

- 11:00-12:00 "Fly on the Wall: Doing Computational Social Science at the UvA"  
12:00-12:15 "Welcome and Introduction to Computational Social Science at the UvA"  
Eelke Heemskerk, Programme Director
- 12:15-12:35 "Computational Social Science: The Amsterdam Way"  
Steven Pickering (Faculty of Social and Behavioural Sciences, UvA)
- 12:40-13:15 "Computational Social Science: Insights from Information Studies"  
Giovanni Sileno (Informatics Institute, UvA)
- 13:20-13:55 "Complex Systems and Policy: Research, Education, Valorization"  
Vitor Vasconcelos (Informatics Institute, University of Amsterdam)
- 13:55-14:30 Afternoon Tea

### Session 2: Round Table Moderator: Ivan Romic

**Participants:** Steven Pickering, Giovanni Sileno, and Vitor Vasconcelos from Session 1

- Hirofumi Uchida (Graduate School of Business Administration, Kobe University)  
Tomomi Miyazaki (Graduate School of Economics, Kobe University)  
Masahiko Shibamoto (Center for Computational Social Science, Kobe University)  
Regina Nockerts (Faculty of Social and Behavioural Sciences, UvA)  
....and others...

- 14:30-15:15 Discussion 1 "Experiences from Japan"  
15:15-16:00 Discussion 2 "Experiences from Amsterdam: What Computational Social Science Means to Me"  
16:00- Closing