

CSS 2026 Conference Schedule

Computational Social Science 2026

Drury Plaza Hotel in Santa Fe, NM

October 29 – November 1, 2026

With gratitude to our generous sponsors:

EPISTEMIX

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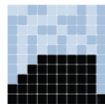
NC STATE UNIVERSITY

Institute for Advanced Analytics



OLD DOMINION UNIVERSITY

Engineering Management and Systems Engineering



Mesa

 **NetLogo**

Thursday, October 29, 2026

SFI Visit

1:00-4:00

Special Interest Group meetings, Virtual and Drury Hotel, Rivera A

2:00 – 4:00: Epistemix

4:00 – 6:00: Mesa

Special Interest Group meetings, Virtual and Drury Hotel, Rivera B

2:00 – 4:00: Validation

4:00 – 6:00: CSSSA Presents

Opening Reception, Drury Hotel, O'Keefe Room

6:30 – 8:30: Opening Reception

Friday, October 30, 2026

Welcome and Opening, Drury Hotel, Lamy Room

8:45 – 9:00: D. Cale Reeves, President

Session 1, Drury Hotel, Lamy Room

9:00 – 10:15: Session Chair: Zining Yang

From Policy Problem to Running Simulation with PopForge and SimForge

Tim Gulden

Large Language Model-Assisted Workflows for Replicating Agent-Based Models

Boyu Wang and Andrew Crooks

TenSnap: Platform-Agnostic Interactive Visualization Toolkit for High-Integrity Agent-Based Simulation

Junning Zhao and Yu Chen

--15 minute break--

Session 2, Drury Hotel, Lamy Room

10:30 – 11:45: Session Chair: Paul Amoruso

Generative-Agent Modeling of Protest Mobilization and Preference Falsification with Large Language Models

Lingyi Wang

Modeling AI Overreliance as a Complex Adaptive System

Ahana Biswas

Outer Limits: An Experimental Approach to Controlled Content Manipulation within the Reddit Interface

Chenchen Mao, Hanjing Shi, Haiyan Jia, Daniel Unhuryan, Eric Baumer and Dominic DiFranzo

--30 minute break + Poster session setup--

Luncheon Poster Session, Drury Hotel, Lamy Room

12:15 – 1:15: Lunch (provided)

Posters:

LLM-Driven Agent-Based Model Generation: From Model Descriptions to Verified Simulations

Justin Downes, Anamaria Berea and Robert Milletich

A Hybrid Generative Agent-based Model of Nonviolent Resistance with LLM-Enabled Activist Agents

Mahnoor Khalid, Hang Dinh and Lance Fiondella

Coupled Dynamics in Human-AI Dialogue: How an AI Agent's Conversational Moves Reshape Users' Subsequent Language at Scale

Carlos Cheung and Xianglu Tang

What Happens When Everyone Gets Paid?

Shuhan Zhang, Xingyu Li and Mehran Sahami

Geometry of Opinions

*Hari Dahal, James Evans and **Ishanu Chattopadhyay***

Women's empowerment and the return migration of skilled workers

***Alireza Javadian Sabet**, Junghyun Lim, Yixiao Li and Morgan Frank*

Considerations for Modeling Institutions' Variation, Selection and Transmission

Bruce Miller

Talent Mobility as an Engine of Frontier Innovation

***Qing Chang, Alireza Javadian Sabet** and Ziji Ma*

Where AI Hardware Gets Built: Semiconductor Siting, Local Labor Flows, and Industrial Opportunity under the CHIPS Act

Arezou Farzaneh

--15 minute break--

Session 3, Drury Hotel, Lamy Room

1:30 – 2:45: Session Chair: Andrew Collins

Mechanism-Oriented Agent-Based Modeling (MO-ABM) for Social System Analysis: A Proposal for a New Methodology for Identifying the Causal Mechanisms Underlying Each Socio-Economic Phenomenon

Shigeaki Ogibayashi

Measuring Equifinality: Conformal Rule Identification in Agent-Based Models

***Chathura Jayalath**, William Rand and Ivan Garibay*

Does De-personalization Reverse Algorithmic Polarization? Content-Ecosystem Inertia in an Agent-Based Model

Xianle Feng

--15 minute break--

Session 4, Drury Hotel, Lamy Room

3:00 – 4:15: Session Chair: Andrew Crooks

Revisiting the Schelling Model via Mechanism-Oriented Agent-Based Simulation

Hiroshi Sato** and **Shigeaki Ogibayashi

Simulating Classroom Social Dynamics with LLM Agents: Peer Review, Hint Sharing, and Misinformation in Technical Education

*Richard Yarnell, **Paul Amoruso**, Edward Amoruso and **Ronald DeMara***

An Agent-Based Model of Social Media Trust Dynamics, Organizational Reputation Evolution and Network-Driven Donation Fulfillment in Disaster Response

Hevindu Tilakasena**, Sandeepa D. Alagiyawanna, Surani Naranpanawa and **Chathura Jayalath

--15 minute break--

Session 5, Drury Hotel, Lamy Room

4:30 – 5:45: Session Chair: Ellen Badgley

Resilience of Labor Markets Under the COVID-19 Shock: The Role of Job Connectivity
Wendi Li, *Esteban Moro, Yong-Yeol Ahn and Morgan Frank*

Upward mobility in the green sector for frontline fossil fuel workers
Qing Chang, *Michaël Aklin, Morgan Frank, Lisa Simon and Shanti Gamper-Rabindran*

AI-exposed jobs deteriorated before ChatGPT
Morgan Frank, **Alireza Javadian Sabet**, *Sarah Bana and Renzhe Yu*

Introducing an Actor-Aware Spatiotemporal Knowledge Graph to Understand and Forecast Political Violence
Merve Keskin, **Qing Chang**, *Zhejun Qiu, Laura Chelidonopoulos, João Correa and Michael Colarisi*

Scheduling Artifacts Hide in the Dynamics: Revisiting Activation Regime Sensitivity in Two Spatial Agent-Based Models
Akusti Leino

--45 minute break--

Self-Organizing Dinners, O'keefe

6:30 – 7:00: Meet in O'keefe, self organize into groups

Saturday, October 31, 2026

Session 6, Drury Hotel, Lamy Room

9:00 – 10:15: Session Chair: Jiin Jung

The Social Infrastructure of Scientific Opportunity: Navigating the NSF Funding Ecosystem
Jawwad Shadman Siddique

How Economic Shocks Impact Electric-Asset Vandalism: An Agent-Based Model for Southern California
Zining Yang and *Jiaman Li*

Too Complex to Save? Market Structure, Shocks, and Policy Effectiveness in an Agent-Based Interbank Market
Jiajia Wu and *Mikhail V. Oet*

--15 minute break--

Session 7, Drury Hotel, Lamy Room

10:30 – 11:45: Session Chair: Matt Koehler

Hybrid Elicitation of a Causal Loop Model to Validate an Agent-Based Macroeconomy: The Debt-Service-to-Income Channel
Mikhail V. Oet, Alexandru Monahov, Chenxu Zhang and Deepthi Jakki

An Agent-Based Model of Wind-Driven Wildfire Spread and Tiered Suppression Response on Navajo Nation Lands
Jaden Ryu, **Evan Koblentz** and *William G. Kennedy*

A Dual-Perspective Measurement Framework for Agent-Based Models
Joshit Mohanty and Andrew J Collins

CSS Annual Group Photo – directly after the last talk.

Lunch Break - On Your Own - 11:50 – 1:30

Session 8, Drury Hotel, Lamy Room

1:30 – 2:45: Session Chair: Tim Gulden

Roundtable: CSSSA Community Standards for LLMs

--15 minute break--

Session 9, Drury Hotel, Lamy Room

3:00 – 4:15: Session Chair: D. Cale Reeves

Effects of population polarization and information availability on group cooperation: agent-based modelling of the weakest-link game

Evan Koblentz and William Kennedy

Tactical Arms Race: An Agent-Based Model of Soccer Formation Evolution, Strategic Imitation, and Competitive Balance

Romelo Romulus

Erosion and End-State Variation in a Tolerance-of-Intolerance Agent-Based Model

Srikanth Mudigonda

--15 minute break--

Session 10, Drury Hotel, Lamy Room

4:30 – 5:50: Session Chair: Zining Yang

Between Belonging and Bridging: An Agent-Based Model of Opportunity Diffusion Among Cross-Cultural Newcomers

Liang Chen, Linchen Guo and Jing Chen

Pricing Job Priorities in US Coal Communities

Arezou Farzaneh

Measuring AI Engagement Maturity in Professional Communities: A Human-Validated LLM Annotation Pipeline, with Evidence from Hospitality Graduate Professionals

Paul Amoruso, Arthur Huang, Venkateswara Rao Addala, Efren de la Mora and Ronald DeMara

A New Sense of Schelling Segregation

D. Cale Reeves and Joshua Rodenberg

--40 minute break + Board Meeting--

Banquet, Drury Hotel, Palace A

6:30 – 9:00: Dinner (provided)

7:00 – 8:00 Keynote Address: Marco Janssen

Governing the commons in the Holocene and beyond

8:00 – 8:30 Awards Presentation

Sunday, November 1, 2026, Lamy Room

CSSSA Society Meeting, Drury Hotel, Lamy Room

9:00 – 10:30 Society Meeting

Elections

Open Access Publications

Open Member Roundtable with Board

Closing remarks