CSS 2026 Conference Schedule

Computational Social Science 2026
Drury Plaza Hotel in Santa Fe, NM
October 29 – November 1, 2026

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NC STATE UNIVERSITY Institute for Advanced Analytics

OLD DOMINION UNIVERSITY Engineering Management and Systems Engineering

Mesa

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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 Room

6:30 – 7:00: Meet in the O'Keefe Room

Gather in the O'Keefe Room to make your dinner plans for the evening. You're welcome to head out on your own or form a group with fellow attendees. CSSSA board members will also lead groups to a few local favorites. Space in each group is limited, so spots are first come, first served. Each person pays for their own meal.

Horno, with D. Cale Reeves ($30–50)

The Shed, with Jiin Jung ($20–50)

La Plazuela, with Tim Gulden ($40–70)

La Boca, with Ellen Badgley ($40–65)

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