

CAPS 2019 CONFERENCE

Complexity **A**nd Policy **S**tudies

Research and Practice for Social Good in a Complex World

April 15-17, 2019
Washington, DC

SCHEDULE

MONDAY, APRIL 15th

8:00am // Registration, Coffee & Mingling
9:00am // Welcome
9:30 am // Invited Speaker: David S. Wilson
10:30 am // Break
10:45am // Session 1
11:45am // Break
12:15pm // Session 2
1:15pm // Lunch
2:45pm // Workshop: Human Simulation
3:45pm // Break
4:15pm // Session 3
5:15pm // Break
5:45pm // Session 4
7:00pm // Reception

TUESDAY, APRIL 16th

8:00am // Coffee & Mingling
9:00am // Welcome Back
9:15am // Invited Speaker: Guru Madhavan
10:15am // Break
10:45am // Session 5
11:45am // Break
12:15pm // Workshop: Diversity
1:15pm // Lunch
2:45pm // Panel Discussion: Funders' View
3:45pm // Break
4:15pm // Session 6
5:15pm // Break
5:45pm // Invited Speaker: Andrea Jones-Rooy
7:30 pm // Dinner

WEDNESDAY, APRIL 17th

8:00am // Coffee & Mingling
9:00am // Welcome Back
9:15am // Invited Speaker: Saikou Diallo
10:15am // Break
10:45am // Session 7
11:45am // Break
12:00 pm // Discussion: Social Good
12:50 pm // Concluding Remarks & Goodbye

MONDAY, APRIL 15TH

WELCOME (9:00 am)

Mirsad Hadzikadic

INVITED SPEAKER (9:30am)

David Sloan Wilson: "Evolution, Complexity, and a Protocol for Working Simultaneously at Macro, Meso, and Micro Scales"

Introduced by Martin Schmidt

BREAK (10:30 am)

SESSION 1 (10:45 am)

Chair: Bernard Ricca

D. Cale Reeves and Varun Rai: "Cataracts in the Theoretical Lens: Better Explanations and Stable Policy Recommendations"

Milton Friesen: "Planning for Social Environments: Social Capital in the Context of Critical Realism and the Dynamics of Complex Systems"

BREAK (11:45 am)

SESSION 2 (12:15 pm)

Chair: Stuart Umpleby

E. Dante Suarez: "Modeling Evolving Agency in a Social Context"

Richard N Knowles: "Dynamical Organizations Theory, Openness, Synthesis & Emergence; A Retrospective Case Study"

LUNCH (1:15 pm)

Suggested Nearby Restaurants:

- [Baan Thai](#), 1326 14th St NW
- [Pappe](#), 1317 14th St NW
- [Hando medo](#), 1315 14th St NW
- [Arepa Zone](#), 1121 14th St NW
- [Georgia Brown's](#), 950 15th St NW

WORKSHOP: HUMAN SIMULATION (2:45 pm)

Saikou Diallo and LeRon Shults: "Human Simulation for the Social Good"

Introduced by LeRon Shults and Saikou Diallo

BREAK (3:45 pm)

SESSION 3 (4:15 pm)

Chair: Asim Zia

Pete Barbrook-Johnson, Corey Schimpf and Brian Castellan: "Reflections on the Use of Complexity-Appropriate Computational Modeling for Public Policy Evaluation in the UK"

Asim Zia: "Meta-Decision Modeling of Wicked Environmental Policy Design Problems: Understanding Conservation Versus Development Valuation Conflicts in Tanzanian, Vietnamese and Peruvian Social Ecological Systems"

BREAK (5:15 pm)

SESSION 4 (5:45 pm)

Chair: Mirsad Hadzikadic

Miron Kaufman, Sanda Kaufman and H. T. Diep: "Multi-Group Conflict Paths: Anticipatory Scenarios of Attitudes and Outcomes"

Khadijeh Salimi: "Modeling the Kurdish Conflict with GIS"

RECEPTION (7:00 pm)

TUESDAY, APRIL 16TH

WELCOME BACK (9:00 am)

Mirsad Hadzikadic

INVITED SPEAKER (9:15 am)

Guru Madhavan: "A Civic Vision for Systems Engineering"

Introduced by David Sloan Wilson

BREAK (10:15 am)

SESSION 5 (10:45 am)

Chair: Felesia Stukes

Carmen Cañas, Vinisha Bhatia-Murdach, Emily Fung and Paige Kirby: "Conceptual Framework for the Design of the National Agriculture Management Information System"

Felesia Stukes: "Complexity and Communities of Purpose: Implications for Social Movements & Public Policy"

BREAK (11:45 am)

WORKSHOP: DIVERSITY (12:15 pm)

Andrea Jones-Rooy: "Using a Complexity Lens to Improve Diversity, and Data Science"

Introduced by Mirsad Hadzikadic

LUNCH (1:15 pm)

Suggested Restaurants Nearby:

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- [Pappe](#), 1317 14th St NW
- [Hando medo](#), 1315 14th St NW
- [Arepa Zone](#), 1121 14th St NW
- [Georgia Brown's](#), 950 15th St NW

PANEL DISCUSSION: FUNDERS (2:45 pm)

Chairs: David Sloan Wilson and Mirsad Hadzikadic

Jon Kramer

David Montgomery

Joe Whitmeyer

BREAK (3:45 pm)

SESSION 6 (4:15 pm)

Chair: LeRon Shults

Liz Johnson: "Identifying Dark Web Network Patterns for the Social Good"

Jovana Morales, Yuan-Yuan Lee and Ryan Cummins: "The Effects of Immigration on the U.S. Economy"

BREAK (5:15 pm)

INVITED SPEAKER (5:45 pm)

Andrea Jones-Rooy: "What Complexity Scientists Can Learn from the Real World"

DINNER (7:30 pm)

at [Frenchy's Naturel](#), 1337 11th St NW

TUESDAY, APRIL 16TH

WELCOME BACK (9:00 am)

Mirsad Hadzikadic

INVITED SPEAKER (9:15 am)

Saikou Diallo: "Human Simulation: Real Problems in Artificial Societies"

BREAK (10:15 am)

SESSION 7 (10:45 am)

Chair: Bianica Pires

Ian Crandell, Gizem Korkmaz and Paul Guerin: "Link Prediction in the Criminal Network of Albuquerque"

Brian Goode and Bianica Pires: "Error Reasoning in Complex Systems: Training and Application Error for Decision Models"

BREAK (11:45 am)

DISCUSSION: SOCIAL GOOD (12:00 pm)

LeRon Shults, Saikou Diallo, and David Sloan Wilson: "Complexity, Policy and the Social Good"

CONCLUDING REMARKS & GOODBYE (12:50 pm)

Mirsad Hadzikadic