



**Institutional Grammar Research Initiative**

**Second Annual IGRI Conference  
June 20-22, 2022**

**Program**

## Monday, June 20, 2021

**Time: 8:00-9:15 am (MDT)**

### **Research Panel A: Social Policy & Welfare**

Presenter: Martha Avila-Maravilla, University at Albany, State University of New York  
Title: *Difficult to Define or Create Moving Targets? Using Grammar of Institutions for Decoding Key Terms for the New Data Centric Child Welfare Information System?*

Presenter: Jacob Bower-Bir, Ostrom Workshop in Political Theory and Policy Analysis  
Title: *Desert as a Parsimonious, Emergent Social Institution*

Presenters: Amineh Ghorbani, Rhythima Shinde, Delft University of Technology  
Title: *Institutional Innovation Adaptation: A simulation model of rural electrification in India*

**Time: 9:30-10:45 am (MDT)**

### **Research Panel B: Environmental**

Presenter: Adam Wiechman, Arizona State University  
Title: *Capturing Institutional Dynamics in Coupled Infrastructure System Models: An Urban Water Example*

Presenters: Mabrouk Laâbar, Mongi Sghaier, Arid Regions Institute  
Title: *Assessing Institutional Change in Collective Rangelands of Southern Tunisia Using Ostrom's Design Principles*

Presenters: Lavinia Pindaru, Nita Andreea, Manolache Steluta, Rozylowicz Laurentiu, University of Bucharest  
Title: *Using the Institutional Grammar Tool to understand the environmental governance system enabled by the European Environmental Action Programme*

**Time: 11:00 am-12:00 pm (MDT)**

### **Roundtable discussion: Emerging directions**

Session Leaders: Aaron Deslatte, Tomas Olivier, Nataliya Stupak  
Description: Panelists will discuss the directions/developments they envision for the IG and the novel ways they are applying the IG to their research to answer pressing contemporary research challenges.

**Tuesday, June 21, 2021**

**Time: 8:00-9:15 am (MDT)**

**Research Panel A: Cybersecurity & institutional structure**

Presenters: Mazaher Kianpour and Christopher Frantz, Norwegian University of Science and Technology

Title: *Analysis of the institutional design of EU cyber incidents and crisis response regulation as a complex public good*

Presenters: Ute Brady, Beckett Sterner, Arizona State University

Title: *Exploring International Biodiversity Knowledge Commons Using the IG*

**Time: 9:30-10:45 am (MDT)**

**Research Panel B: International governance**

Presenters: Bartosz Pieliński and Hanna Schreiber, University of Warsaw

Title: *Positions of actors in international regimes. The case of the 2003 UNESCO Convention*

Presenter: Dan Detzi, University of Arizona

Title: *The Battle for Control: Using Institutional Grammar to Analyze the Design of National Security Decision-Making Institutions*

**Time: 11:00 am-12:00 pm (MDT)**

**Roundtable discussion: Standardization**

Session leaders: Bartosz Pieliński, Seth Frey, Charlie Schweik

Description: IG standardization generally refers to any attempts to streamline, e.g., IG coding protocols, infrastructure, and coding practice. Panelists will discuss some of these efforts from their perspective, as well as the motivation and challenges related to standardization.

## Wednesday, June 22, 2021

**Time: 8:00-9:15 am (MDT)**

### **Research Panel A: Tooling & Techniques**

Presenters: Amineh Ghorbani, João Pizani Flor, Delft University of Technology

Title: *A web-based editor for institutional network analysis*

Presenters: Nicholas Oesterling, Graham Ambrose, Jiho Kim, Syracuse University A

Title: *Understanding the Emergence of Computational Institutional Science: Computational Modeling of Institutions and Institutional Dynamics*

Presenter: Gaia Taffoni, School of Transnational Governance

Title: *Measuring the unmeasurable. Conceptualizing judicial review as a mechanism of control*

**Time: 9:30-10:45 am (MDT)**

### **Research Panel B: Computational techniques for encoding IG data**

Presenter: Christopher Frantz, Norwegian University of Science and Technology

Title: *IG Parser: Facilitating the rigorous encoding of institutional statements*

Presenters: Mahasweta Chakraborti, Seth Frey, U.C. Davis

Title: *Leveraging trained semantic role labeling models towards Institutional Grammar annotation*

**Time: 11:00 am-12:00 pm (MDT)**

### **Roundtable discussion: Theory development**

Session leaders: Edella Schlager, Daniel DeCaro, Tine DeMoor

Description: Panelists will discuss their perspectives related to theoretical developments in the area of institutional analysis and beyond.