

## CALL FOR PARTICIPATION IN WORKSHOP:

### Measuring Collaborative Thinking using Epistemic Network Analysis



## ORGANIZERS

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## CONTACT INFORMATION

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## WORKSHOP CONTENT

What is Epistemic Network Analysis?

Originally designed to analyze and assess *epistemic frames*—collections of skills, knowledge, identities, values, and ways of making decisions—in virtual game environments, *epistemic network analysis* (ENA) is now being used more generally to quantify the ***structure of connections that constitute complex thinking as they manifest in discourse***. Patterns of connections between elements of discourse are one important feature of action in any domain, and ENA can help researchers quantify and visualize the development of such connections over time.

Why ENA?

Learning in the 21<sup>st</sup> century means thinking in complex and collaborative ways that are situated in a real world context. ENA allows researchers examining (or interested in examining) complex thinking in communities of practice using ENA.

Why an ENA workshop?

The goal of this full day, pre-conference workshop is to explore the usage of ENA in a diverse array of domains. This workshop will (1) introduce new users to this method, (2) provide further training and insight for those already using ENA, and (3) develop a broader community of users.

Building on the success of ENA as a data analysis method, this workshop will use an instructional and exploratory format to introduce researchers to this method. This workshop is suited for researchers and practitioners who want to measure connections or co-occurrences in data, are looking for novel methods to analyze qualitative data quantitatively, or are generally interested in learning about ENA.

For more information about ENA visit <http://edgaps.org/gaps/projects/epistemic-network-analysis/>

## **PARTICIPATION PROCEDURE**

Participants are required to bring their own laptops and are strongly encouraged to bring their own datasets for this interactive workshop. However, data sources will also be provided. Datasets should be .csv, .xls, or .txt files that contain meta data (some sort of identifying information such as participant id numbers, gender, timestamp, etc.) and coded data (discourse that is coded for elements of interest) in columns. Please email Golnaz Arastoopour with questions/concerns about potential datasets.

Please email Golnaz Arastoopour ([arastoopour@wisc.edu](mailto:arastoopour@wisc.edu)) to register for the workshop and provide the following information:

- Name
- Affiliation
- Abstract (200 words max) describing research interests, datasets, and how ENA may be a useful method for current analyses

## **IMPORTANT DATES**

Registration Deadline 06.10.13

Workshop Date 06.15.13, Full day pre-conference workshop

Please email Golnaz Arastoopour ([arastoopour@wisc.edu](mailto:arastoopour@wisc.edu)) with abstract (200 words max)