

Graduate Linguistics Society Thursday Seminars presents

# Computational Models of Dialogue for Teaching and Learning

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Florida Gym 260



2/23/2017 at 4:05 pm

## Abstract:

Natural language dialogue is one of the most fundamental forms of human interaction. In many decades of research, one-on-one dialogue has also been shown to be one of the most effective ways to support learning. Through a computational linguistics lens, this talk will examine the modeling of human dialogue for teaching and learning. Building on corpus-based approaches for tutorial dialogue and collaborative learning, we will discuss research findings that indicate the ways in which we respond to each other and adapt based on gender, personality, self-confidence, and knowledge are highly influential in the effectiveness of our interactions. The results shed light on the fundamental processes of human interaction and serve as the basis for developing future technologies that engage us in language to support our endeavors.

## Questions?

Please contact Aleksandra Tomic at [a.tomic@ufl.edu](mailto:a.tomic@ufl.edu)  
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