

# **Modelling Natural Language Argumentation**

## Theoretical Background and Recent Development

Beishui Liao

### **Abstract**

Natural language arguments exist in various types of argumentative text, such as legal text, medical documents, spoken meeting transcripts, product reviews and user comments, etc. In this talk, I will first introduce some theoretical background for modeling and evaluating this kind of arguments, including abstract argumentation, structured argumentation, argumentation schemes, etc. Then, I'll review some newly-proposed theories and approaches for modelling argumentation in natural language text, and point out some research problems.