

**Name:** Scott Christley  
**Affiliation:** University of Notre Dame  
**Email:** schristley@nd.edu

**Title:** Understanding the Open Source Software Community with Simulation and Social Analysis

Over the past few years, our research group at the University of Notre Dame has been applying various techniques to study the Open Source Software Community. These techniques include agent-based simulation, data mining, social network analysis, and community structure analysis to name just a few. In this talk, we will discuss what these different techniques have taught us about Open Source Software, some of the limitations and frustrations we have encountered when applying these techniques, and what are our current and future research directions.