

Colloquium

Date, time & venue: Monday, November 16th, 2016, 1:30-2:30 in BB209

Title: **Is Direct Measurement of Time Possible?**

Speaker: **Tom Reynolds, PhD Student, Computer Science Department, University at Albany - SUNY.**

Abstract: The answer to this question may depend upon how one understands time. Is time an essential constituent of physical reality? Or is what scientists are talking about when they use the symbol 't' or the word "time" an human cultural construct, as the Chief of the USA NIST Divisions of Time and Frequency and of Quantum Physics has suggested. Many aspects of science, including computer science, reference activity to time. However many discussions within either view of time seem to use one same, largely traditional, language of time. Considering the question of measurement sheds light on the issue.

Speaker's brief bio: Thomas Reynolds is a PhD student in the Department of Computer Science, College of Engineering and Applied Sciences at the University at Albany, SUNY. He also does some work in physics, and has masters degrees in Computer Science, Philosophy, and Classical Archaeology. The content of this talk is similar to a poster he presented at the conference "DICE2016 Spacetime - Matter - Quantum Mechanics" in Italy in September 2016.