

Ahmet Sayar

From: "Lucy Battersby" <lbatters@cs.indiana.edu>
To: "'CS Graduate Students'" <cs-grads@cs.indiana.edu>
Sent: Monday, November 26, 2007 11:36 AM
Subject: FW: Reminder: Network and Complex Systems Talk by Bennett Bertenthal is truly on 11/26, 6-7p, LI001

Network and Complex Systems Talk**Date/Time/Place**

11/26, 6-7p, Wells Library 001

Presenter

Bennett Bertenthal, Dean of the College of Arts and Sciences, IUB

Title

Grid and Network Services for Storing, Annotating, and Searching Streaming Data

Abstract: The Social Informatics Data Grid is a new infrastructure designed to transform how social and behavioral scientists collect and annotate data, collaborate and share data, and analyze and mine large data repositories. An important goal of the project is to be compatible with existing databases and tools that support the sharing, storage and retrieval of archival data sets. It is built on web and grid services to enable transparent access to data and analysis resources from anywhere and to leverage new and emerging web-based technologies created by a large and growing community of developers around the world. At the heart of the SIDGrid design is a rich data model that captures notions of time, data streams, and semi-structured data attached to these streams to enable powerful manipulations of multimodal data spread across data resources. Through query and analysis services deployed against the data warehoused in the SIDGrid users can perform new classes of experiments. Shared data resources available from anywhere over the Web introduces new capabilities to the process of collection and analysis of data – collaborative annotation among them – without relinquishing control over sensitive data via an embedded security model. This project is still in the development phase and feedback from user communities is essential for determining which functions are most important and should be developed next.