



# Networks and Network Analysis for the Humanities

*An NEH Institute for Advanced  
Topics in Digital Humanities*

**August 15-27, 2010**

**Organizing Committee:**

Tim Tangherlini (UCLA), Russ Caflisch (IPAM), Tina Eliassi-Rad (LLNL), Peter Jones (Yale), Mark Green (UCLA), Ronald Coifman (Yale), Jonathan Berger (Stanford), Lewis Lancaster (Berkeley), Greg Crane (Tufts), Zoe Borovsky (UCLA)

**Confirmed Speakers include:**

James Abello (Rutgers), Edoardo Airoldi (Harvard), Eli Ben-Naim (Los Alamos), Jonathan Berger (Stanford), Luis Bettencourt (Los Alamos), David Birnbaum (Pitt), David Blei (Princeton), Katy Börner (Indiana), Greg Crane (Tufts), Ronald Coifman (Yale), James Danowski (Univ. Illinois, Chicago), Fernando Diaz (Yahoo!), Tina Eliassi-Rad (LLNL), Christos Faloutsos (CMU), Lise Getoor (Maryland), C. Lee Giles (Penn State), Kendall Giles (VCU), Yannet Interian (Google), Jon Kleinberg (Cornell), Aaron Koblin (Google), Lew Lancaster (UC Berkeley), Jure Leskovec (Stanford), David Liben-Nowell (Carleton), Edo Liberty (Yale), Sofus Macskassy (Fetch), John Mohr (UCSB), Franco Moretti (Stanford), Laurie Pearce (UC Berkeley), David Smith (UMass), Kryztof Urban (UCLA), John Walsh (Indiana), Steven Zucker (Yale)

***Scientific Program:*** In recent years, attention has been drawn in both the academic and popular press to the ubiquity of networks in everyday life, from communications networks to investment networks to power transmission networks to social networks. As a result of this increasing awareness, the study of the different types of networks that link us together, and the analysis of the structure of those networks has risen to greater and greater prominence not only in the mathematical and social sciences but also in the Humanities. The topics to be addressed in the Institute are: (a) the science of networks and networks in Humanistic inquiry (b) extracting and preparing Humanities data for network analysis (c) internal networks in Humanistic data: networks of characters, networks of texts, networks of language (d) external networks in Humanistic data: networks of influence, networks of production, networks of reception.

***Institute Schedule:*** The Institute includes morning presentations by leading scholars in Computer Science and Applied Mathematics, Humanities scholars who have been successful at applying these computational techniques in their research, and hands-on afternoon sessions.

***Participation:*** The goal of the institute is to bring both junior and senior Humanities scholars into a close collaborative environment to learn from leading voices in the study of networks and network analysis from the fields of Computer Science and Applied Mathematics.

***Applications:*** Applications are being accepted through November 5, 2009. Humanities scholars from any discipline are encouraged to apply. We encourage applications from women and minority scholars. Travel and housing expenses will be paid by the institute for successful applicants. The institute will accept up to 25 participants. Participants selected for this institute will be expected to be in residence for the entire workshop period.



Apply online at: <http://www.ipam.ucla.edu/programs/hum2010>

**Application deadline Nov. 5, 2009**

For more information email: [hum2010@ipam.ucla.edu](mailto:hum2010@ipam.ucla.edu)

