

# AAAI-15 Workshop Proposal

## Scholarly Big Data: AI Perspectives, Challenges, and Ideas

[www.cse.unt.edu/~ccaragea/aaai2015ws.html](http://www.cse.unt.edu/~ccaragea/aaai2015ws.html)

January 25, 2015

### Schedule

9:15 - 9:25 - **Opening**

9:25 - 10:00 - "Introduction to Scholarly Big Data" by C. Lee Giles

10:00 - 10:25 - "Identifying Meaningful Citations" by Marco Valenzuela, Vu Ha, and Oren Etzioni

10:25 - 11:00 - **Coffee break**

11:00 - 11:25 - "Analyzing Research Publications to Understand Gender Preferences in Computer Science" by Rada Mihalcea and Charles Welch

11:25 - 12:15 - *Invited talk*: "Knowledge-powered Next Generation Scholarly Search and Recommendation Engines" by Yang Song

12:15 - 1:45 - **Lunch**

1:45 - 2:35 - *Invited talk*: "Semantic Scholar: Toward a Semantic Search and Discovery Service for Scientific Papers" by Vu Ha

2:35 - 3:00 - "Leveraging Multiple Networks for Author Personalization" by Rohit Parimi and Doina Caragea

3:00 - 3:25 - "Looking Beyond Text: Extracting Figures, Tables and Captions from Computer Science Papers" by Christopher Clark and Santosh Divvala

3:25 - 4:00 - **Coffee break**

4:00 - 4:25 - "Cyc and the Big C: Reading that Produces and Uses Hypotheses about Complex Molecular Biology Mechanisms" by Michael Witbrock, Karen Pittman, Jessica Moszkowicz, Andrew Beck, Dave Schneider, and Doug Lenat

4:25 - 4:50 - "Embedding AI and Crowdsourcing in the Enterprise Big Data Lake" by Daniel O'Leary

4:50 - 5:00 - **Closing Remarks**