SLIS Events News

Web Mining - Accomplishments and Future Directions

SLIS faculty member Katy Börner has organized the Networks and Complex Systems Talk Series since Fall 2004. "This talk series is open to all Indiana University faculty and students interested in network analysis, modeling, visualization, and complex systems research. A major intent is to cross-fertilize between research done in the social and behavioral sciences, research in natural sciences such as biology or physics, but also research on Internet technologies."

The talks are held on Mondays between 6:00-7:00 p.m. in the Wells Library, SLIS, Room 011. The talks are free.

On April 13, 2009, Jaideep Srivastava, Computer Science and Engineering Department, University of Minnesota, will present "Web Mining - Accomplishments and Future Directions."

Abstract:
From its very beginning, the potential of extracting valuable knowledge from the Web has been quite evident. Web mining - i.e. the application of data mining techniques to extract knowledge from Web content, structure, and usage - is the collection of technologies to fulfill this potential. Interest in Web mining has grown rapidly in its short existence, both in the research and practitioner communities. This talk provides an overview of the accomplishments of the field - both in terms of technologies and applications - and outlines key future research directions.

Bio:
Jaideep Srivastava is a professor at the University of Minnesota, where he has established and led a research laboratory which conducts research in the information and knowledge aspects of computing. He has supervised 26 Ph.D. dissertations and 53 M.S. theses, and authored or co-authored over 220 papers in refereed journals and conferences. Dr. Srivastava has served on the editorial boards of various journals, including IEEE TPDS, IEEE TKDE, and the VLDB journal. He has also served as Program and Conference Chair for a number of prominent conferences, especially in the area of data mining, and is on the Steering Committee for the PAKDD series of conferences. He has delivered a number of keynote addresses, plenary talks, and invited tutorials at major conferences. Dr. Srivastava has a very active interaction with the industry, in both consulting and executive roles. Specifically, during a 2-year sabbatical during 1999-2001, he lead a corporate data mining team at Amazon.com (www.amazon.com) and built a data analytics department at Yodlee (www.yodlee.com) from the ground up. More recently, he spent two years as the Chief Technology Officer for Persistent Systems (http://en.wikipedia.org/wiki/Persistent_Systems), where he built an R&D division and oversaw the redesign of the training and technical vitalization program for 2,200+ engineers. He has provided technology and technology strategy advice to a number of large corporations including Cargill, United Technologies, IBM, Honeywell, 3M, and Eaton. He has served in an advisory capacity to a number of small companies, including Lancet Software and Infobronics. Dr. Srivastava has also played an active advisory role in the government sector. Specifically, he has served as Senior Technology Advisor to the State of Minnesota, and is on the Technology Advisory Council to the Chief Minister of Maharashtra, India. He is a Fellow of the IEEE, and has been an IEEE Distinguished Visitor.

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