

## SIGKDD Explorations June 2009 Issue Call for Papers

### Special Issue on Open Source Analytics and the Interoperability of Analytic Applications

This special issue (June 2009) will focus on Open Source Analytics and the Interoperability of Analytic Applications and will be edited by Robert L Grossman, University of Illinois at Chicago and Open Data Group.

As a community, we have a good understanding today of a variety of powerful and effective data mining and statistical algorithms. On the other hand, deploying the models produced by these algorithms in production systems, embedding these algorithms into systems and applications, and otherwise making practical use of these algorithms is often a challenge. Several different approaches to this challenge have been developed over the past several years, including extending databases to incorporate data mining functionality, stand-alone scoring engines that read xml descriptions of models and score streams of data, and service-based architectures that support analytics as a service. In many of these approaches, a critical role is played by open source applications and middleware.

The special issue will include both invited and contributed papers on open source software and middleware for data mining and knowledge discovery, as well as architectures and standards that support that deployment and the interoperability of analytics.

Topics of interest include, but are not limited to:

- Standards for interoperability of analytic software
- Architectures that support the interoperability of analytic software and applications
- Open source data mining systems
- Scoring engines
- Database support for analytics
- Open source middleware and systems for data preparation and data shaping
- Open source middleware and systems for deploying statistical and data mining models
- Analytics as a service
- Related topics

Submissions should be emailed to [opensourceanalytics@labcomputing.org](mailto:opensourceanalytics@labcomputing.org), preferably in a PDF format and should not exceed 10 pages. In addition, please email the authors, title, abstract, and contact information for the corresponding author in ASCII text to the same address. Detailed formatting instructions are available from <http://www.acm.org/sigs/sigkdd/explorations/submissions.php>

Submission Deadline:  
**March 4, 2009**  
Acceptance notice:  
**April 10, 2009**  
Camera-ready due:  
**May 8, 2009**  
Publication: June 2009 issue