

Christoph Bussler

From: dbworld-bounces@cs.wisc.edu on behalf of Michele Berlingerio
[michele.berlingerio@isti.cnr.it]
Sent: Wednesday, June 09, 2010 2:42 AM
To: dbworld@cs.wisc.edu
Subject: [Dbworld] CFP: ECML PKDD Workshop on Analysis of Complex Networks(ACNE 2010)

=====

CALL FOR PAPERS

REMINDER

First Workshop on Analysing Complex Networks 2010 (ACNE-2010)

<http://kdd.isti.cnr.it/acne/>

Barcelona, Spain, September 20th

(co-located with ECMLPKDD 2010 <http://www.ecmlpkdd2010.org/>)

Submission Deadline: Monday, June 21st, 2010

=====

The workshop on Analysing Complex Networks will be held in conjunction with the 2010 edition of the ECMLPKDD Conference on Knowledge Discovery and Data Mining which will take place in Barcelona, Spain, 20th-24th of September 2010.

Many real world data collections and information structures are dynamic and rich in information. Represented as complex networks, a mesh of interconnected information entities, allows to get the most out of them. Analysing complex networks regarding non-trivial aspects such as information propagation, evolution, or community discovery and discovering or even creating new connections requires powerful tools for supporting visualisation, interaction and mining of and with the underlying data. While many graph mining tools have been developed there is a lack of techniques able to tackle real-world networks which are typically multi-dimensional, heterogeneous, and/or dynamic. Furthermore, sophisticated tools supporting the interaction with huge networks are virtually non-existent. Besides refined mining and aggregation methods there is a need for modelling and sophisticated visualisation methods which take the limited amount of information into account a user can process.

The aim of the workshop is to bring together pioneering researchers focusing on the analysis of complex networks, and thus intensify the exchange of ideas between different research communities to foster devising tools for creation, analysis, and visualisation of complex networks. The workshop focuses especially on researchers working on methods for mining, learning and analysis of (dynamic) networks, the representation and semantics of complex networks, and visualisation methods as well as user interface design.

In particular we are interested in the following topics:

- * (conceptual) modelling and creation of complex networks
- * (adaptive) visualisation of complex networks
- * Data mining query languages for complex networks
- * Data structures and data bases for information networks
- * Bibliometrics
- * User and preferences modeling (including feedback models)
- * Constraint-based pattern mining in complex networks
- * Privacy preserving mining of complex networks
- * Learning on complex networks
- * Semantics in complex networks
- * Theoretical foundations of information retrieval and interaction in networks

Authors are invited to submit manuscripts dealing with the topic of the workshop via the submission system available at

<http://kdd.isti.cnr.it/acne/>

We welcome papers that present new results, ongoing projects or completed work (even previously published). The instructions for authors and the LaTeX packages can be found at <http://www.springer.de/comp/lncs/authors.html>. There is no limitation on paper length although we recommend the usual page limits of around 12 pages. The contributions accepted to the workshop will be published as printed working notes and will also be made available online. Selected papers will be considered for publication in a special issue of a major journal.

IMPORTANT DATES

Paper submission deadline	Monday, June 21st
Notification of acceptance	Monday, July 12th
Camera ready deadline	Wednesday, July 21st
Workshop	Monday, September 20th

ORGANISERS

- * Michele Berlingerio, KDD Laboratory, ISTI-CNR Pisa
- * Andreas Nürnberger, Otto-von-Guericke-University-Magdeburg
- * Björn Bringmann, Katholieke Universiteit Leuven

PROGRAM COMMITTEE

- * Michael Berthold, University of Konstanz, Germany
- * Christian Borgelt, European Center for Soft Computing, Mieres, Spain
- * Toon Calders, Eindhoven University of Technology, The Netherlands
- * Michele Coscia, KDD-Lab - University of Pisa, Italy
- * Luc De Raedt, Katholieke Universiteit Leuven, Belgium
- * Debora Donato, Yahoo! Research, Silicon Valley, USA
- * Werner Dubitzky, University of Ulster, United Kingdom
- * Fosca Giannotti, KDD-Lab - ISTI-CNR, Pisa, Italy
- * Andreas Hotho, University of Kassel, Germany
- * Laks Lakshmanan, University of British Columbia, Vancouver, Canada
- * Nada Lavrac, Jozef Stefan Institute, Slovenia
- * Sune Lehmann, Harvard University, USA
- * Jure Leskovec, Stanford University, USA
- * Trevor Martin, University of Bristol, United Kingdom
- * Anna Monreale, KDD-Lab - University of Pisa, Italy
- * Siegfried Nijssen, Katholieke Universiteit Leuven, Belgium
- * Dino Pedreschi, KDD-Lab - University of Pisa, Italy
- * Josep Maria Pujol Serra, Telefonica Research, Barcelona, Spain
- * Fabrizio Silvestri, HPC-Lab - ISTI-CNR, Pisa, Italy
- * Chimaong Song, Northeastern University, Boston, USA
- * Shirish Tatikonda, Ohio State University, Columbus, USA
- * Hannu Toivonen, University of Helsinki, Finland
- * Yana Volkovic, Barcelona Media, Barcelona, Spain
- * Philip Yu, University of Illinois at Chicago, USA

Workshop Website:

<http://kdd.isti.cnr.it/acne>

Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm

Please do not post msgs that are not relevant to the database community at large. Go to www.cs.wisc.edu/dbworld for guidelines and posting forms.
To unsubscribe, go to <https://lists.cs.wisc.edu/mailman/listinfo/dbworld>