An Edited Volume to be published by Springer
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Guest Editors

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Introduction

Technology Enhanced Learning (TEL) aims to design, develop and test socio-technical innovations that will support and enhance learning practices of both individuals and organisations. It is an application domain that generally addresses all types of technology research & development aiming to support of teaching and learning activities, and considers meta-cognitive and reflective skills such as self-management, self-motivation, and effective informal and self-regulated learning. Information retrieval is a pivotal activity in TEL, and the deployment of recommender systems has attracted increased interest during the past years as it addresses the information overload problem in TEL scenarios with a low cost approach.

Recommendation methods, techniques and systems open an interesting new approach to facilitate and support learning and teaching. There are plenty of resources available on the Web, both in terms of digital learning content and people resources (e.g. other learners, experts, tutors) that can be used to facilitate teaching and learning tasks. The challenge is to develop, deploy and evaluate systems that provide learners and teachers with meaningful guidance in order to help identify suitable learning resources from a potentially overwhelming variety of choices.

Aims & Scope

The volume on *Recommender Systems for Technology Enhanced Learning: Research Trends & Applications* aims to collect contributions that will range from research papers to system presentations and that will address issues related to the application of recommender systems in the domain of education such as: (a) user needs, tasks and activities to be supported; (b) requirements for the design and deployment of recommender systems; (c) novel recommendation algorithms and systems; and (d) evaluation criteria, methods and studies.

Topics of interest for the volume include, but are not limited to:

- User tasks to be supported by recommender systems in TEL
- Explanation and visualizations of recommendations
- Open user models for TEL recommender systems
- Recommendation approaches based on social (meta) data
- Requirements for the deployment of TEL recommender systems
- Data sets for TEL recommender systems
- Recommendation algorithms and systems for TEL
- Transfer of successful algorithms and systems from other application areas
- Evaluation criteria and methods for TEL recommender systems
- Experiences from actual implementation in teaching, learning and/or community building

Important Dates

- Manuscript submission: **20 November 2012 ***EXTENDED*****
- Notification of acceptance: **15 December 2012**
- Final manuscript due: **5 January 2013**
- Tentative publication date: **~Spring 2013**

Submission Procedure

All submitted manuscripts will be peer reviewed. Contributions should be original and not simultaneously submitted to other venues. Manuscripts that have been included in previous workshop/conference proceedings should include at least 30% of new material in order to be considered for publication.

Detailed manuscript instructions are available from Springer Book Author Guidelines:
http://www.springer.com/authors/book+authors/helpdesk?SGWID=0-1723113-12-971304-0

Submissions will be handled through *EasyChair*:
https://www.easychair.org/conferences/?conf=recsystelspringer2013

The volume is scheduled to be published during 2013 by Springer.

More Information

For any questions, please contact the editors at recsystelspringer2013@easychair.org