Call for Contributions

Note: Onsite and Online Options
In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=eLmL+2020+Special
Please select Track Preference as **EDM4ST**

Special track

EDM4ST: Educational Data Mining for Supporting Teachers

Chairs and Coordinators

Prof Vladimir Estivill-Castro, Griffith University, Brisbane, Australia
v.estivill-castro@griffith.edu.au

Prof Carla Limongelli, Roma Tre University, Rome, Italy
limongel@dia.uniroma3.it

Dr Matteo Lombardi, Griffith University, Brisbane, Australia matteo.lombardi@alumni.griffithuni.edu.au

along with

eLmL 2020, The Twelfth International Conference on Mobile, Hybrid, and On-line Learning
https://www.iaria.org/conferences2020/eLmL20.html
November 21 - 25, 2020 - Valencia, Spain

The increasing trend of sharing educational resources on the Web has attracted several contributions from the Technology Enhanced Learning (TEL) research community. Nowadays, since most students and educators retrieve online resources for teaching or learning, the Web is accepted as a reliable repository of educational material. Many studies in TEL propose to apply Information Retrieval and Data Mining techniques and approaches to support students in finding the most appropriate resources and Web pages for their educational tasks.

Although educators have still a fundamental role in creating and delivering courses and lessons, such studies are mostly student-centric.

However, preparing a proper course means more than selecting a list of resources about some topics of interest; thus, the material recommended to a single student could not be the best option to use when delivering a class to a broader audience. As a result, teachers cannot yet benefit from proposals about tailor-made support, considering also pedagogical criteria when recommending resources, to name a few the course structure and eventual prerequisite knowledge to be acquired.

Moreover, the public availability of datasets of teaching resources has always been an issue for the design,

development, and evaluation of Information Retrieval and Recommender Systems in Technology Enhanced Learning.

This special track is focused on gathering innovative studies that investigate the mostly undisclosed potential of Data Mining and Information Retrieval techniques applied to education, for providing educators with dedicated tools and approaches that assist them when looking for resources during all the phases of their work, from course creation to delivering, including help for providing further support to students with low marks or disabilities.

Topics include, but not limited to:

- Educational Data Mining
- Information Retrieval
- Semantic Web and ontologies for learning
- Technology Enhanced Learning Supporting teachers in course preparation and delivering
- Reusing and sharing educational materials among teachers
- e-Learning and mobile learning
- Current trends in educational recommender systems
- Impact of the Web on current teaching approaches
- Supporting teachers with low marks students
- Methods and techniques for identifying at-risk and drop-out students
- Help educators to teach students with disabilities

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Important Datelines
Inform the Chair: As soon as you decide to contribute
Submission: September 21
Notification: October 11
Registration: October 21
Camera-ready: October 21
Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=eLmL+2020+Special
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

Contacts
Chairs
Vladimir Estivill-Castro: v.estivill-castro@griffith.edu.au
Carla Limongelli: limongel@dia.uniroma3.it
Matteo Lombardi: matteo.lombardi@alumni.griffithuni.edu.au
Logistics: steve@iaria.org