CALL FOR PAPERS

We invite submissions to the 8th International Conference on Education Data Mining (EDM2015), to be held under auspices of the International Educational Data Mining Society on 26-29 June 2015 at UNED, the National University for Distance Education in Madrid, Spain. The EDM conference is a leading international forum for high-quality research studying how to mine large data sets in order to answer educational research questions that shed light on the educational and learning processes.

EDM 2015 will follow AIED 2015 (22-26 June) that is also organized by UNED in Madrid. Synergies between both EDM and AIED communities will be supported.

TOPICS OF INTEREST

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

- Closing the loop between education data research and educational outcomes
- Stealth assessment and evaluating the efficacy of curriculum and interventions
- Deriving representations of domain knowledge from data
- Detecting and addressing students’ affective and emotional states
- Integrating data mining and pedagogical theory
- Data mining with emerging pedagogical environments such as educational games, MOOCs, and exploratory learning
- Multi-modal learning environments and sensor analysis
- Providing feedback to teachers, students & other stakeholders generated from EDM methods
- Papers that apply a previously used technique to a new domain, or that reanalyze an existing data set with a new technique
- Bridging EDM and Learning analytics
- Bridging learning sciences, learning theory and EDM
- Monitoring and mining results of automated feedback and grading
- Monitoring and mining results of learning resources usage logs
- Best practices for adapting the state of the art data mining, information retrieval, recommender systems and social network analysis approaches to the educational domain
- Data mining in social and collaborative learning
- Generic frameworks, techniques, research methods and approaches for EDM

SUBMISSION TYPES

New! JEDM Journal Track Papers: Submit your best work to the Journal of EDM (submission is open already), get it accepted before April 20th, 2015 and have your work presented at EDM 2015. See further details at http://educationaldatamining.org/EDM2015/index.php?page=jedm

Full Papers: 6-8 pages. Should describe original, substantive, mature and unpublished work.
Short Papers: 4 pages. Should describe original, unpublished work. This includes early stage, less developed works in progress.

Industry Papers: 4-6 pages. Industry papers should describe innovative ways in which data drives system features or processes in a commercial setting.

Doctoral Consortium: 3 pages. Should describe the graduate/postgraduate student’s research topic, proposed contributions, results so far, and aspects of the research on which advice is sought. Should be solely authored by the student.

Posters: 2 pages. Posters can be used both to describe original and unpublished work in progress, as well as to share last minute breaking results.

Demos: 2 pages. Demos should describe educational data mining tools and systems, or educational systems that use EDM techniques, which are to be interactively presented at the conference.

All accepted papers will be published in the open-access proceeding of the conference. A selection of accepted papers for the conference will be invited to extend their submission (providing a significant contribution beyond the conference paper) for a special issue in the Journal of Educational Data Mining.

IMPORTANT DATES (There will be no extensions)

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<td>Workshop and Tutorial proposal submissions</td>
<td>12 January 2015</td>
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<td>Notification of acceptance (Workshops and Tutorials)</td>
<td>26 January 2015</td>
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<td>Abstract for Full/Short paper submissions</td>
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CONFERENCE ORGANIZERS

Conference chairs
Jesus G. Boticario (UNED)
Olga C. Santos (UNED)

Program chairs
Cristóbal Romero (UCO)
Mykola Pechenizkiy (TUE)

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Amin Y. Noaman (KAU)

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Kaska Poryaska-Pomsta (LKL)

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Sergio Gutierrez-Santos (BBK/LKL)
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JEDM Journal Track chair
Michel Desmarais (UM)

Sponsor chair
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Awards chairs
Manolis Mavrikis (LKL)
Kalina Yacef (US)

Financial chair
Pilar Muñoz (UNED)

Local Arrangement chair
S. Salmeron-Majadas

Web chair
E. Gutiérrez y Restrepo

Latest news
- 1st keynote speaker confirmed: Prof. George Siemens, Executive Director of LINK Research Lab, University of Texas; Founding President of SoLAR, Society for Learning Analytics Research.
- Separate calls for tutorials, workshops, interactive events and demos will follow.