The 4th International Conference on Educational Data Mining, Eindhoven, the Netherlands
July 6-8, 2011
http://educationaldatamining.org/EDM2011

WELCOME
The 4th International Conference on Educational Data Mining (EDM 2010) brings together researchers from computer science, education, psychology, psychometrics, and statistics to analyze large datasets to answer educational research questions.

Recently, the increase in dissemination of interactive learning environments, learning management systems, intelligent tutoring systems, and educational hypermedia systems has allowed the collection of huge amounts of data. The increase in instrumented educational software, as well as state databases of student test scores, has also created large repositories of data reflecting how students learn.

A popular and effective way of discovering new knowledge from large and complex data sets is data mining.

The EDM conference focuses on computational approaches for using those data to address important educational questions. The broad collection of research disciplines ensures cross fertilization of ideas, with the central questions of educational research serving as a unifying focus.

CALL FOR PAPERS
The EDM conference invites papers that study how to apply data mining to analyze data generated by various information systems supporting learning or education (in schools, colleges, universities, and other academic or professional learning institutions providing traditional and modern forms and means of teaching, as well as informal learning).

EDM may require adaptation of existing or development of new approaches that build upon techniques from a combination of areas, including but not limited to statistics, psychometrics, machine learning, information retrieval, recommender systems and scientific computing.

TOPICS OF INTEREST
• Generic frameworks, methods and approaches for EDM
• Learner or student modeling
• Mining assessment data
• Mining browsing or interaction data
• Mining the results of educational research (e.g. A/B tests)
• Educational process mining
• Data-driven adaptation and personalization
• Improving educational software
• Evaluating teaching interventions.
• Emotion, affect, and choice
• Integrating data mining and pedagogical theory
• Improving teacher support
• Replication studies
• Best practices for adaptation of data mining, information retrieval, recommender system, opinion mining, and question answering techniques to educational context

SUBMISSION PROCEDURE
We solicit
• Full papers (up to 10 pages),
• Young researcher papers (up to 8 pages),
• Posters and Demos (up to 2 pages).
For submission instructions, see http://educationaldatamining.org/EDM2011/

Each submitted paper will be reviewed by at least three reviewers. Accepted papers will be published in the EDM 2011 proceedings and will also appear online at http://educationaldatamining.org.

For further information please contact the organizers at edm2011chairs@gmail.com
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CONFERENCE LOCATION

CONFERENVE VENUE

Eindhoven University of Technology (TU/e)

Looking forward to seeing you in Eindhoven!
EDM 2011 Conference chairs and local organization team

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COLLOCATED EVENTS: UMAP 2011 & IJCAI 2011

CONFERENCE LOCATION COLLOCATED EVENTS: UMAP 2011 & IJCAI 2011

Amsterdam (Schiphol) Airport
1 h 20 min by direct train; train every 15 min

Eindhoven Airport
Taxi or 20 min by public bus

Dusseldorf Airport
~ 60 km; 50 mins by car

Dusseldorf Weeze Airport
~ 116 km; 1h 10 mins by car

Brussels Airport
130 km; 1h 15 min by car

Maastricht Airport
~ 80 km; 50 mins by car

A 5€ direct Ryanair flight
Eindhoven - Girona

EdM 2011
July 6-8
Eindhoven

IJCAI 2011
July 16-22
Barcelona

UMAP 2011
July 11-15
Girona

5 mins walk from the central train stations
Many hotels within walking distance

1 h 20 min by direct train; train every 15 min

Hunt for a 5€ direct Ryanair flight
Eindhoven - Girona

130 km; 1h 15 min by car

~ 80 km; 50 mins by car

1h 10 mins by car

~ 60 km; 50 mins by car