ColEdu 2015

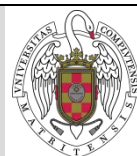## 2nd Special Session on Collective Computational Intelligence in Educational Context

at the 7th International Conference on Computational Collective Intelligence Technologies and Applications (ICCCI 2015)

Madrid, Spain, September 21-23, 2015

Conference website: http://antares.sip.ucm.es/iccci2015/

Special Session Organizers

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Objectives and topics

"Collective Computational Intelligence in Educational Context" (ColEdu) aims at bringing together practitioners, industrial representatives and researchers from diverse areas, such as social network analysis, data and web mining, machine learning, intelligent agents, learning sciences, psychometrics among others to share their experience, present current research results and discuss the application of computational collective intelligence tools for designing and supporting the learning processes. Papers reporting problems and proposing solutions in order to improve the educational process such as predicting performance and drop-out, planning tasks, creating personalized learning paths, recommending activities, providing feedback to teachers, students and other stakeholders and many others are encouraged. Topics of interest include but are not limited to:

- Learner modeling
- Mining assessment data
- Mining collaboration data
- Mining browsing or interaction data
- Educational process mining
- Data-driven adaptation and personalization
- Mining social behavior
- Agent-based models
- Recommender systems in on-line learning
- Text mining and Web mining in education
- Intelligent tools for collaborative learning
- Context aware environments
- Other related topics

Important dates

Submission of papers: **20 March 2015**
Notification of acceptance: **15 May 2015**
Camera-ready papers: **15 June 2015**
Conference date: **21-23 September 2015**

Program Committee (to be invited)

Alberto Cano, University of Córdoba, Spain
Diego García-Saíz, University of Cantabria, Spain
Dalia Kriksciuniene, Vilnius University, Lithuania
José María Luna, University of Córdoba, Spain
Mykola Medykovskyy Lviv Poytechnic National University, Ukraine
Ernestina Menasalvas Ruiz, Universidad Politécnica de Madrid, Spain
Adam Niewiadomski, Lodz University of Technology, Poland
Virgilijus Sakalauskas, Vilnius University, Lithuania
Olga C. Santos, UNED, Spain
Natalya Shakhovska, Lviv Poytechnic National University, Ukraine
Adam Wojciechowski, Lodz University of Technology, Poland

Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: ColEdu 2015: Special Session on Collective Computational Intelligence in Educational Context

https://www.easychair.org/conferences/?conf=iccci2015

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at Springer's web site. Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ColEdu 2015 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).