Editorial

Charalampos Karagiannidis and Sabine Graf

Welcome to the Bulletin of the IEEE Technical Committee on Learning Technology, Volume 15, Number 2, April 2013 issue.

This issue includes articles related to the theme of *Learning Analytics*. Johri & Teo discuss how data analytics can be used to examine informal learning in online learning communities, through examples from the authors' studies over a large set of data. Pham & Klamma discuss how data warehousing techniques can be used in Life-long Learning Analytics to improve our personal knowledge, skills, and competences during our professional life. McCormick discusses how a learning analytics tool can be used to improve discussion design and facilitation with the use of visual aids and an interview/discussion process. Finally, Ebner & Schön discuss how learning analytics can be used to get a better insight of the students performance in primary education.

The issue also includes a section with regular articles (i.e. articles that are not related to the special theme), where Sierra, Ariza & Fernandez discuss how the problem-based learning methodology is applied to the subject of Programming in Engineering in the University of Seville, Spain.

We sincerely hope that the issue will help in keeping you abreast of the current research and developments in Learning Technology. We also would like to take the opportunity to invite you to contribute your own work (e.g. work in progress, project reports, dissertation abstracts, case studies, event announcements) in this Bulletin, if you are involved in research and/or implementation of any aspect of advanced learning technology. For more details, please refer to the author guidelines at http://www.ieeetclt.org/content/authors-guidelines.

Special theme of the next issue: **School of the Future and Future Classrooms**
Deadline for submission of articles: **June 30, 2013**

Articles that are not in the area of the special theme are most welcome as well and will be published in the regular article section.