



With Vilamoura, Algarve, Portugal as landscape, we welcomed the 14th edition of the International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2017) from 18 to 20 October 2017.

This conference was organized by the International Association for Development of the Information Society (IADIS), and endorsed by the Japanese Society for Information and Systems in Education (JSISE).

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The CELDA 2017 tried to address the foremost issues of concern within the evolving learning processes and supporting pedagogies and applications in the digital age. There had been advances in both cognitive psychology and computing that have affected the educational arena. The convergence of these two disciplines is increasing at a fast pace and affecting academia and professional practice in many ways. Paradigms such as just-in-time learning, constructivism, student-centered learning and collaborative approaches have emerged and are being supported by technological advancements such as simulations, virtual reality and multi-agents systems. These developments have created both opportunities and areas of serious concerns. This event covered both technological as well as pedagogical issues related to these developments. Main topics have been identified. However innovative contributions that do not easily fit into these areas were also considered as long as they were directly related to the overall theme of the conference – cognition and exploratory learning in the digital age.



The CELDA 2017 Conference received 72 submissions from more than 25 countries. Each submission was reviewed in a double-blind review process by at least two independent reviewers to ensure quality and maintain high standards. Out of the papers submitted, 27 were accepted as full papers for an acceptance rate of 38%; 23 were accepted as short papers and 2 were accepted as reflection papers

Authors of the best published papers in the proceedings of CELDA 2017 were invited to publish extended versions of their papers in:

- A book from Springer
- special issue of the Interactive Technology and Smart Education (ITSE) journal (ISSN: 1741-5659).



In addition to the presentation of full, short and reflection papers, the conference also featured one keynote presentation by Professor Pierre Dillenbourg, Director, EPFL Center for Digital Education, Swiss Federal Institute of Technology, Lausanne, Switzerland.



Keynote Presentation:

“CLASSROOM ORCHESTRATION: FROM PRACTICAL TIPS TO FORMAL MODELS”



by Professor Pierre Dillenbourg, Director, EPFL Center for Digital Education, Swiss Federal Institute of Technology, Lausanne, Switzerland

The CELDA 2017 Proceedings were published in hard copy (ISBN: 978-989-8533-68-5) by IADIS Press.



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