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Giovanni Vincenti · Alberto Bucciero
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E-Learning, E-Education, and Online Training

Second International Conference, eLEOT 2015
Novedrate, Italy, September 16–18, 2015
Revised Selected Papers

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Carlos Vaz de Carvalho
Instituto Politécnico do Porto
Porto
Portugal

Alberto Bucciero
IBAM - Istituto per i Beni Archeologici
e Monumentali
Italian National Research Council
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Preface

Welcome to the proceedings of eLEOT 2015, the Second International Conference on e-Learning, e-Education and Online Training! The 2015 eLEOT conference was held during September 16–18, 2015, at the Università degli Studi eCampus, in Novedrate (Como), Italy. This year's edition was particularly exciting because we joined forces with the fifth edition of SGames, a conference dedicated to Serious Games, Interaction and Simulation. The two conferences had several joint sessions, but retained their individual identities through separate tracks.

The main theme for this year's eLEOT conference was E-Distance Education in Science, Technology, Engineering, and Math. We received 52 submissions, which resulted in 26 papers being presented at the conference. We were also proud to offer three pre-conference workshops, one of which was held jointly with SGames. This year again we debuted a demo session, where our presenters let the attendees experience their works. This year we featured a student track that was completely integrated with the rest of the conference, to ensure that researchers who are just starting their careers get the same exposure as more seasoned ones. Finally, we also had a series of online presentations for all those who were not able to join us in person. Every year we continue building eLEOT in the hope of creating a state-of-the-art conference that merges disciplines and approaches.

Paolo Paolini offered the opening keynote address at eLEOT 2015. His dedication to e-learning has been shown throughout his career. He teaches Web Application Design, Hypermedia Applications, and Human Computer Interaction at the Politecnico di Milano. He is the scientific coordinator of the HOC-LAB (Hypermedia Open Center), located in Milano-Lambrate and Como. In his address, Prof. Paolini introduced us to some of his work regarding educational portals, the rationale driving them, and practical applications that may be derived. We were also honored to have our returning Tech-Talk speaker Stefano Santo Sabato with us once again. He is the CTO of MediaSoft, S.r.l., one of Italy's premier private endeavors in bridging the gap between industry and academia in the area of distance education. The brilliant work that Stefano and his group produce daily was showcased in part during this presentation. Finally, our closing keynote address was given by Aron Keith Barby, Director of the Decision Neuroscience Laboratory at the Beckman Institute for Advanced Science and Technology at the University of Illinois. His contribution to eLEOT reminds us all about the more physiological aspects associated with human learning by introducing a new cognitive neuroscience framework.

All of this would not have been possible without the Technical Program Committee, chaired by Alberto Bucciero. He successfully assisted 31 exceptional members of the committee who powered this conference from four different continents, representing both academia and industry. The Organizing Committee is grateful to each member of the Technical Program Committee, and I am grateful to each member of the Organizing Committee for their tireless support. The professional and tireless work of

Stefano Za, Marco Zappatore, Minjuan Wang, Carlos Vaz de Carvalho, Sabrina Leone, Nicoletta Di Blas, Aldo Torrebruno, and James Braman built the foundations of this year's edition. I would like to also thank the European Alliance for Innovation (EAI) as our primary sponsor. The tireless work of Sinziana, Jana, and Barbara was invaluable and essential in the organization of this year's event. And last but not least, I would like to thank all the presenters, who are the true protagonists of eLEOT 2015.

December 2015

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