Foreword

Education has experienced a slow evolution in the last 10 centuries but due to the exclusion of the internet, we are now facing the most relevant and fast revolution in all aspects of the education: the classroom, the faculty, the student, the content, the methodology, and the colleagues we have for study. Research on how technology positively affects education has been done since the 90’s with an exponential growth.

Main topics are assessment, online learning, ubiquitous learning, technology enhanced learning, new methods to generate educational contents, learning analytics, social networks, etc. For a general specialist in this topic, there is a lack of books like this Handbook of Research on Applied E-Learning in Engineering and Architecture Education. In this Handbook the editors have chosen to publish the best proposals around the world on the previous mentioned topics. In your hands, you have views and perceptions from fourteen different countries in Europe, America, Asia and Oceania. Education is focused on people, so, it is important to take into account the different approaches between countries on education.

I want to emphasize and thank the outstanding work of the editors of the book, Dr. David Fonseca and Dr. Ernesto Arredondo, for reviewing the new innovations in this field, for offering the authors to publish Handbook of Research on Applied E-Learning in Engineering and Architecture Education, and for convincing IGI-Global to publish this collection of innovating proposals to the scientific community.

Technology never will disappear in education. Education will never disappear in human evolution.

Lluis Vicent
Ramon Llull University, Barcelona

Lluis Vicent is a Telecommunications Technical Engineer (Sound & Imaging), Electrical Engineer, Telecommunications Engineer, Master in e-Learning and PhD by the Ramon Llull University Barcelona. Since 1996 he has been working at La Salle - Ramon Llull University, in different positions: teaching, research, technology transfer and management. As a faculty he teaches since 1996. He is the author of the book Probability (for 2n year students), Electromagnetic Waves Propagation (3th/4th year) and Image Processing (3th/4th year), and edited a collection of lectures of contents on Electrical and Computer Engineering. Since 2003, he assumes the Direction of the e-Learning Department at the School of Engineering. He has carried out research in various fields, being the principal investigator of several projects of public and private call. From his research he wrote two books: “Multimedia in Education: adaptive learning and testing” World Scientific Press and “e-Learning” (IN-TEH Education). Since 2003 he leads the e-Learning Research Group in La Salle, which is called actually E-Learning Institute. He has been working on the transfer of technology since 1998. Since 2003, he is the Director of the online degree programs in Telecommunications and Computer Engineering. This responsibility includes the strategic design, planning methodology, the coordination of the teaching staff, technical and administration, including the tutoring of the students. Since July 2008, he is the Director of the Open Campus at La Salle, where he manages all the online and blended degrees in all disciplines at La Salle Barcelona. This University, stablished in the European Higher Education Area, is founded with the aim of strengthening collaboration with the International Association of Lasallian Universities. In 2012 the University was officially opened and Dr. Vicent became the first President of the La Salle Open University.