INTED 2016

10th **International Technology, Education** and **Development Conference**

7-9 March, 2016
Valencia (Spain)

CONFERENCE PROCEEDINGS

10 years together for **education.**

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INTED2016 Proceedings
10th International Technology, Education and Development Conference
March 7th-9th, 2016 — Valencia, Spain

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WELCOME INTRODUCTION

Dear INTED2016 participants,

Welcome to this 10th anniversary of INTED!

We wish to express our most sincere thanks for being part of this inspiring forum of knowledge exchange. It is a pleasure to present a varied program with a wide range of sessions covering all aspects of learning, teaching and educational technology advances.

After 10 years, this edition has brought together nearly 700 delegates coming from more than 80 countries. This will create a truly international and multidisciplinary atmosphere that will promote the interaction with other colleagues with the same aim: to meet, learn and share ideas for a better education.

We hope that your participation in this conference will provide you with an opportunity to open your minds to other educational perspectives and explore new horizons.

Thank you very much for your contribution to these *"10 Years together for Education"*.

INTED2016 Organising Committee

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CONFERENCE SESSIONS

ORAL SESSIONS, 7th March 2016

Collaborative Learning
Massive Open Online Courses (MOOC)
Pedagogical & Didactical Innovations (1)
Meet the Keynote
Tutoring and Coaching
Entrepreneurship Education (1)
Management and Development in Education
Experiences in Foreign Languages Education

Problem-based and Inquiry-based Learning
Virtual and Augmented Reality
Pedagogical & Didactical Innovations (2)
Learning spaces and Next Generation Classrooms
Pedagogical Innovations in Primary and Secondary Education
Entrepreneurship Education (2)
Leadership and Management in Education
Language Learning Experiences

Flipped Learning
Open Educational Resources
Pedagogical & Didactical Innovations (3)
Creative and Innovative Projects in Education and Technology
ICT Innovations in Primary and Secondary Education
Professional Development of Teachers
Educational Experiences in Health & Life Sciences
Mobile Learning in Foreign Languages

Mobile Learning
Social Media in Education
Technology Enhanced Learning
Virtual Worlds & Robotics for Inclusive Learning
Inclusive Learning
ICT Skills and Competencies among Teachers
ICT in Health & Life Sciences
Technology in Foreign Language Education

POSTER SESSIONS, 7th March 2016

Experiences in Education

Research in Education

ORAL SESSIONS, 8th March 2016

Blended Learning
Collaborative Virtual Environments
Multicultural and Diversity Issues
Special Education
Experiences in STEM
Digital Competencies & Digital Literacy
ICT Experiences in Maths Education
New Projects and Innovations in Primary and Secondary Education (1)

e-Learning (1)
Educational Software and Apps
International Experiences and Mobility Programmes
Supporting the Undergraduate Experience for Students on the Autism Spectrum
Enhancing Learning and the Undergraduate Experience
Who's the best for the job?
Experiences in Business Education
New Projects and Innovations in Primary and Secondary Education (2)

e-Learning (2)
E-content Management and Development
Evaluation and Assessment of Student Learning
Critical Perspectives on 21st Century Education
Links between Education and Research
Competence Evaluation
Experiences in Curriculum Design in Engineering Education
Technology in Primary and Secondary Education

Research Experiences in Online Education
Learning Analytics & Big Data
ICT Innovations in Higher Education
Quality Assurance in Education (1)
Adult & Life-Long Learning
Labour Market and Skill Needs
Experiences in Engineering Education
Teacher Training and Development

Research on Technology in Education
Educational Software & Student Response Systems
University-Industry Collaboration
Quality Assurance in Education (2)
Postgraduate and Research Experiences
Work Employability
Experiences in Architecture and Civil Engineering
Pre-service Teacher Experiences

POSTER SESSIONS, 8th March 2016

Emerging Technologies in Education

New Trends and Pedagogical Innovations

VIRTUAL SESSIONS

Barriers to Learning
Collaborative and Problem-based Learning
Competence Evaluation
Computer Supported Collaborative Work
Curriculum Design and Innovation
E-content Management and Development
e-Learning
Education and Globalization
Education in a multicultural society
Educational Research Experiences
Educational Software and Serious Games
Enhancing learning and the undergraduate experience
Ethical issues in Education
Evaluation and Assessment of Student Learning
Experiences in STEM Education
Impact of Education on Development
Inclusive Learning
International Projects
Learning and Teaching Methodologies
Learning Experiences in Primary and Secondary School
Lifelong Learning
Links between Education and Research
Mobile learning
New projects and innovations
New Trends in the Higher Education Area
Organizational, legal and financial issues
Pedagogical & Didactical Innovations
Pre-service teacher experiences
Quality assurance in Education
Research Methodologies
Research on Technology in Education
Student Support in Education
Technological Issues in Education
Technology-Enhanced Learning
Transferring disciplines
University-Industry Collaboration
Virtual Universities
Vocational Training

ABOUT INTED2016 Proceedings

HTML Interface: Navigating with the Web browser

This USB Flash drive includes all presented papers at INTED2016 conference. It has been formatted similarly to the conference Web site in order to keep a familiar environment and to provide access to the papers trough your default Web browser (open the file named "INTED2016.html").

An Author Index, a Session Index, and the Technical Program are included in HTML format to aid you in finding conference papers. Using these HTML files as a starting point, you can access other useful information related to the conference.

The links in the Session List jump to the corresponding location in the Technical Program. The links in the Technical Program and the Author Index open the selected paper in a new window. These links are located on the titles of the papers and the Technical Program or Author Index window remains open.

Full Text Search: Searching INTED2016 index file of cataloged PDFs

If you have Adobe Acrobat Reader version 6 or later (www.adobe.com), you can perform a full-text search for terms found in INTED2016 proceedings papers.

Important: To search the PDF index, you must open Acrobat as a stand-alone application, not within your web browser, i.e. you should open directly the file "INTED2016.pdf" with your Adobe Acrobat or Acrobat Reader application.

This PDF file is attached to an Adobe PDF index that allows text search in all PDF papers by using the Acrobat search tool (not the same as the find tool). The full-text index is an alphabetized list of all the words used in the collection of conference papers. Searching an index is much faster than searching all the text in the documents.

To search the INTED2016 Proceedings index:
1. Open the Search PDF pane through the menu "Edit > Advanced Search" or click in the PDF bookmark titled "SEARCH PAPERS CONTENT".
2. The "INTED2016_index.pdx" should be the currently selected index in the Search window (if the index is not listed, click Add, locate the index file .pdx, and then click Open).
3. Type the search text, click Search button, and then proceed with your query.

For Acrobat 9 and later:
1. In the "Edit" menu, choose "Search". You may receive a message from Acrobat asking if it is safe to load the Catalog Index. Click "Load".
2. A new window will appear with search options. Enter your search terms and proceed with your search as usual.

For Acrobat 8:
1. Open the Search window, type the words you want to find, and then click Use Advanced Search Options (near the bottom of the window).
2. For Look In, choose Select Index.
3. In the Index Selection dialog box, select an index, if the one you want to search is available, or click Add and then locate and select the index to be searched, and click Open. Repeat as needed until all the indexes you want to search are selected.
4. Click OK to close the Index Selection dialog box, and then choose Currently Selected Indexes on the Look In pop-up menu.
5. Proceed with your search as usual, selecting other options you want to apply, and click Search.

For Acrobat 7 and earlier:
1. In the "Edit" menu, choose "Full Text Search".
2. A new window will appear with search options. Enter your search terms and proceed with your search as usual.