

 **Models of ICT integration
in Education**Madrid, 16th – 18th of
March

Spain has the honour to chair the Presidency of the EU Council during the first semester of 2010. As part of the activities of the Presidency, the conference “Models of ICT Integration in Education” will be held in Madrid from 16th to 18th of March.

We believe that, as usual, the debates of the participants will greatly contribute to future European co-operation in the field of Education and Training. The conference will offer a venue and an opportunity to promote an active dialogue among participants from the EU Member States, Autonomous Communities in Spain and from other places outside Europe. The aim is to exchange views, good practice and develop common recommendations concerning the educational design and future implementations of ICT in education.

The conference targets an audience of European politicians and experts in both school ICT integration and teacher training appointed by the authorities. There will be interpretation in English and Spanish.

Together with plenary sessions there will be three strands devoted to:

- Models of pedagogical innovation in terms of content and learning approaches

The production of digital educational content and the digital tools needed to produce and modify it, the services that grant access to the information, or those that facilitate communication useful for teaching and learning, are all part of what we could call digital educational resources. Some of these resources are not designed with an educational aim or with education as their sole aim, while others are produced exclusively for educational purposes. In either case, the use of these resources in a classroom is rarely taken into account during the production process, and this frequently creates inconveniences which are often difficult to solve. The development models of digital resources for education should consider their usefulness in the classroom. This satisfies several objectives: the strong and weak points of the resource are discovered quickly and it is therefore easy to correct the shortcomings; teachers can carry out tests to determine the appropriate methodological use, acquire operative strategies and incorporate innovative models for the inclusion of ICT; the students feel immersed in a process of critique and correction which is usually strongly motivating, and which stimulates critical thinking skills.

- Models of professional development.

At the beginning of the second decade of the 21st century there seems to be a relatively general consensus on the fact that correct curricular integration of ICT and development of accepted digital competence require immediate support of training programs for teaching staff at all educational levels, taking into account all current types of education: distance, classroom-based and combinations of both. It is important to note that the initial training of most of the teaching staff during their time at university is insufficient to face the new challenges and paradigms of the teaching-learning process, and that we must start to think up ways to make learning and training a continuous process throughout the whole professional career (lifelong learning). Therefore, this working group will consider different strategies or points of view to try to tackle these challenges.

- Models of organisational innovation for ICT integration in Education.

The plans by national, regional and local authorities in all educational systems to bring new technologies into teaching are aimed towards the improvement of teaching and learning processes in classrooms. It is worthy of note that technology is hardly ever designed *ad hoc* for use in education, given the high cost implied, but commercial technological products that may be adequate for teaching are used instead (like interactive whiteboards, net books, tablet-PCs, e-book readers, etc.). These technologies are usually adapted, through the software that controls them, to improve their functionality within their area of application.



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DRAFT PROGRAMME

Tuesday, 16 March

10:30 -11:30	Welcome and registration		
11:30 -12:00	Opening address. Minister of Education. Angel Gabilondo Pujol		
Plenary sessions			
12:00 - 12:30	DG EAC. European Commission		
12.30 - 13.00	Francesc Pedro OECD		
13:00 - 14:00	George Siemens		
14:00 -15:30	Lunch		
15:30 - 16:00	Yves Punie (IPTS, DG Joint Research Centre, European Commission)		
16:00 - 16:30	Robert Kozma		
Strand Presentations			
16:30 -17:00	Strand 1 Models of pedagogical innovation in terms of content and learning approaches (Juan Madrigal, ITE) Strand 2 Models of professional development (Ismail Alí, ITE) Strand 3 Models of organizational and technological innovation for ICT (Juan José Blanco, ITE)		
17:00 – 17:15	Coffee break		
	Strand 1	Strand 2	Strand 3
17:15 – 17:45	Eugenio Rivière (DGEAC)	Per Thorbøll (MoE Denmark)	José Pedroso (MoE Portugal)
17:45 – 18:15	Sebastián Muriel (Red.es)	Sean Ward (Teachers and Trainers Cluster)	Doug Brown (BECTA, UK)



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Wednesday, 17 March

09:00 - 11:00	Plenary sessions: Policies in ICT integration worldwide - Korea. Dr. Suh, Young Suhk, (KERIS) - Brazil. Demerval Brucci (MoE) - USA. - Argentina. Mariano Priluka.(MoE)		
11:00 - 11:30	Coffee break		
	Strand 1	Strand 2	Strand 3
11:30 - 12:00	Marc Durando (European Schoolnet)	Jim Devine (IADT, Ireland and EU Expert Group on New Skills for New Jobs)	Luis Garibaldi (MoE Uruguay).
12:00 - 12:30	Gaspar Ferrer (Aragón on behalf of Spanish Autonomous Communities)	Eduardo Coba (IFIE, MoE Spain)	Helmut Stemmer (MoE Austria, ICT Cluster)
12:30 – 13:00	Discussion	Discussion	Discussion
13:00 - 13:30	Plenary Speech: Presentation of Escuela 2.0. Eva Almunia. Secretaria de Estado de Educación y Formación Profesional		
13.30 - 15:00	Lunch		
15:30-17:30	- ICT in Education Companies – Institutions.		
18:30-21:30	Guided tour and Dinner		



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Thursday, 18 March

Conclusions	
09:30 - 10:00	Strand 1 Models of pedagogical innovation in terms of content and learning approaches (Juan Madrigal, ITE)
10:00 - 10:30	Strand 2 Models of professional development (Ismail Alí, ITE)
10:30 – 11:00	Strand 3 Models of organizational and technological innovation for ICT (Juan José Blanco, ITE)
11:00 - 11:30	Coffee break
11:30 - 12:30	Conference conclusions. Jordi Curell
12:30 - 13:00	Closing. Miguel Soler. Director General de Formación Profesional
13.00 - 15:00	Lunch

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