



International Conference
Successful Educational Experiences and Didactic Guidelines in Science Teaching

23 - 24 October 2014

Department of Chemistry and Industrial Chemistry - Genoa - ITALY



Scientific Programme

October 23rd 2014

14.00-14.30	Registration
14.30-15.00	Welcome session
15.00-15.40	Science teaching in schools: dilemmas and challenges <i>Laurinda Sousa Ferreira Leite - Universidade do Minho - PT</i>
15.40-16.20	Verticality in chemistry teaching: the use of ICT for improving concepts comprehension <i>Elena Ghibaudi – Università di Torino; Alberto Regis - SENDS Storia ed Epistemologia per una Nuova Didattica della Chimica - IT</i>
16.20-16.40	Coffee break
16.40-18.10	Successful experiences in chemistry teaching: has chemistry education research common ground with Greek school practice? <i>K. Salta, D. Koulougliotis - EL</i>
	Teaching at the heart of learning: successful experiences and good practices in chemistry teaching in Ireland <i>M. Walsh - IE</i>
	Educational methods and teaching materials used in chemistry teaching in Polish schools <i>M. Smaga - PL</i>
	Successful experiences and development of key competences in chemistry education: the Italian context <i>L. Ricco, M. M. Carnasciali - IT</i>
	Teaching chemistry, learn chemistry, what changes now? <i>V. Pennazio, A. Traverso, D. Parmigiani - IT</i>



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October 24th 2014

8.30-9.00	Registration
9.00-10.30	Successful integration of ICT in chemistry lessons <i>J. Keutgen – BE</i>
	Best practices using Ipad as a teaching tool learning chemistry <i>A. J. Torres Gil - ES</i>
	Successful experience in chemistry teaching in the Czech Republic <i>M. Grecová, Z. Hrdlička - CZ</i>
	Problem Based Learning to teach sciences in elementary, middle and high school: the IN-FORMA project <i>A. Lotti, S. Sobrero - IT</i>
	Who killed Miss Scarlet? <i>A. Basso, M. Grotti - IT</i>
10.30-10.50	Coffee break
	Education of chemistry at the 1 st Independent High School in Bratislava, Slovakia. From general education to key competencies <i>M. Smreková, E. Jahelková - SK</i>
	Best practice in popularization of chemistry in Czech Republic <i>H. Bartkova, M. Grecova, J. Svatsova - CZ</i>
	Project Life-RICICLOLIO: a synergy between public and private for the environment and for a positive image of chemistry <i>A. M. Cardinale, B. Santamaria - IT</i>
	Learning guides: tools to mediate student's learning <i>A. Silva, O. Ferreira, M.F. Barreiro - PT</i>
	An integrated use of the interactive whiteboard and experiments <i>J. Kariger – BE</i>



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	The Use of Conceptual Change Texts in Chemistry Education <i>H.M. Pektab, M. Demirbaş, M. Bayrakçı - TR</i>
	Successful experiences in chemistry teaching in Bulgaria: role of interactive teaching materials in teaching/learning process <i>M. Koleva - BG</i>
13.00-14.30	<i>Lunch break</i>
14.30-15.10	Linguistic heterogeneity: challenge for modern chemistry education? <i>Silvija Markic - University of Bremen - DE</i>
15.10-16.00	The process of teaching-learning: from the Master in Didactic of Science to the classroom <i>I. Rebella - IT</i>
	Antarctica in Cogoletto. An experience of integrated curriculum on Polar Sciences in a lower secondary class <i>N. Zamboni - IT</i>
	Successful experiences in chemistry teaching in Europe: the Transnational Report <i>M.M. Carnasciali, L. Ricco - IT</i>
16.00-16.20	<i>Coffee break</i>
16.20-17.00	<i>Maths and natural products for health personal care</i> <i>C. Bignone</i>
<i>Flash presentations of posters</i>	Experience together ... young scientists at work!" <i>G. Capilli</i>
	Development of an experimental device to check the conductivity in some sample materials <i>R. Antiga</i>
	Let's start with a questionnaire: check the students' scientific knowledge at the beginning of the university curriculum <i>N. Parodi, A. M.Cardinale, R.Carlini</i>
	Museum&Lab projects at the Museo di Chimica – DCCI, Genoa University <i>G. Petrillo, A.M.Cardinale, B.Santamaria, R.Mosconi, M.Maccagno</i>
	PROJECT PANN12_01162 "Human movement, microalgae and waste: renewable, unexploited and unknown sources of energy. Scientific patterns for sensitization and education of school kids" <i>L.Bagnasco, V.Caratto, E.Sanguineti, B.Santamaria</i>
	The alcheMISTRY of the colour <i>R.Carlini, N.Parodi, G.Zanicchi, A.M.Cardinale, M.Pacenti</i>
	Characterization of metallic materials: properties and applications <i>R.Carlini, N.Parodi, A.M.Cardinale, G.Zanicchi</i>
17.00-18.00	<i>Poster session</i>