

Study Group / Task Force Name: SG Education

Study Group / Task Force Members and Affiliations:

Prof. Dr. Reiner Salzer, Dresden University of Technology, Germany
Dr. Jens E.T. Andersen, Technical University of Denmark, Kongens Lyngby, Denmark
Prof. Dr. Miltiades Karayannis, University of Ioannina, Greece
Dr. Nikoline Juul Nielsen, University of Copenhagen, Denmark

Objectives:

Teaching analytical chemistry at the beginning of the 21st Century
Evaluation of curricula in analytical chemistry at the current stage of the Bologna process
European Employment Survey for Chemists and Chemical Engineers
Electronic media in teaching and assessing analytical chemistry

Activities and Outputs in 2013-2014 (e.g. reports, publications, seminars, meetings):

Supervision and completion of the European Employment Survey for Chemists and Chemical Engineers (R. Salzer)
Preparation of the Symposium Education during Euroanalysis 18, Bordeaux, 06.-10.09.2015 (R. Salzer)
Edition and improvement of libraries for Analytical Chemistry of EChemTest (www.chemtest.net) (M. Karayannis).

Publications:

M. Karayannis: Teaching with Analogies (Methaphors); <http://starfish.innovatievooronderwijs.nl/information/196/>
R. Salzer: Educating Tomorrow's Chemists; *Analyt. Bioanalyt. Chemistry* 406 (2014) 3251-3255.

Meetings:

Workshop COST Actions: A Great Opportunity as Incubators for Molecular Science and Technology Conference, Brussels, 27.-28.03.2014
Workshop of the Spanish Society for Analytical Chemistry: contents and perspectives of Analytical Chemistry in Spanish universities, Alcala de Henares, 10.04.2014
Symposium "10 Years Chemistry Eurolabels", Madrid, 25.04.2014
Discussion Session "European Employment Survey", Madrid, 26.04.2014
European Conference on Research in Chemistry Education, Jyväskylä/Finland, 07.-10.07.2014

Activities planned for 2014-2015:

Teaching analytical chemistry at the beginning of the 21st Century
Evaluation of curricula in analytical chemistry at the current stage of the Bologna process
European Employment Survey for Chemists and Chemical Engineers
Electronic media in teaching and assessing analytical chemistry

Report submitted by: Reiner Salzer

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