

Study Group / Task Force Name: SG Education

**Study Group / Task Force Members and Affiliations:**

Prof. Dr. Slavica Razic, University of Belgrade, Serbia

Dr. Jens E.T. Andersen, Technical University of Denmark, Kongens Lyngby, Denmark

Prof. Dr. Miltiades Karayannis, University of Ioannina, Greece

Prof. Dr. Reiner Salzer, Technische Universität Dresden, Germany

**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

Emphasis on case studies and analogues in teaching analytical chemistry

Electronic media in teaching and assessing analytical chemistry

**Activities and Outputs in 2012-2013 (e.g. reports, publications, seminars, meetings):**

The EChemTest library of ECTNA extended with questions in all fields of Analytical Chemistry (M. Karayannis).

Development of two analogy-based examples for teaching analytical Chemistry (M. Karayannis).

Participation in the development of a quality standard for Ph.D. curricula in Europe, implementation of the Chemistry Eurodoctorate® label (R. Salzer).

**Publications:**

R. Salzer; EuCheMS supports employment survey of European chemists; EuCheMS Newsletter May 2013, 1.

**Lectures:**

P. Mimero, R. Salzer; Quality Eurolabels® in Chemistry, to foster Student Mobility and Recognition, at Bachelor, Master and Doctoral Levels; 44th IUPAC World Chemistry Congress, Istanbul, 11.-16.08.2013

R. Salzer; Entrepreneurial attitude - the new requirement for your career; Colloquium Institute for Chemical Technology Prague, Prague, 20.06.2013

M. Karayannis; Analytical Chemistry: A Powerful Decoder for Archaeology and History of Fine Arts; IMA-2013, Thessaloniki 15.-19.09.2013

**Meetings:**

Interactive Workshop on Entrepreneurial Attitude; Thessaloniki, 23.-24.04.2013 (R. Salzer)

Introduction to the European Employment Survey for Chemists and Chemical Engineers, Utrecht, 05.04.2013 (R. Salzer)

Symposium Education during Euroanalysis 17, Warsaw, 25.-29.08.2013 (R. Salzer)

**Activities planned for 2013-2014:**

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

Report submitted by: Reiner Salzer

Date submitted: 30.06.2013

Please do not exceed one page.