Publications to Education in Analytical Chemistry illustrating the activity areas of the Division of Analytical Chemistry of EuCheMS

Prepared by Reiner Salzer, Head of the Study Group Education

The Study Group Education of DAC has regularly organised educational symposia during EUROANALYSIS Conferences; it has encouraged their subsequent publication along with related material in the columns “ABC's of Teaching Analytical Science” and more recently in the columns “ABC of Education and Professional Development in Analytical Science”.

Jorge Ruiz Encinar, Brice Bouyssiere, Florence Pannier
Linking analytical chemistry Master's programs: the Franco (Pau)—Spanish (Oviedo) case

Paul C. Yates
New strategies for teaching maths to chemistry students

G. Horvai
Teaching bioanalytical methods in a BSc analytical chemistry course

Jérôme Randon
Master's degree: from analytical science to process analytical technology

Jens E. T. Andersen, D. Thorburn Burns, P. Hu
Basic mathematics and physics for undergraduate chemistry students according to the Eurobachelor® curriculum

Gerhard Schlemmer
Industrial research and development for instrumental analytics: requirements, skills, strategic objectives

Hitoshi Watarai
An overview on education of analytical chemistry in Japan
Reiner Salzer
Changing careers in chemistry

Miltiades I. Karayannis & Constantinos E. Efstathiou
Self-assessment and controlled examination in analytical chemistry by use of the EChemTest

Thomas J. Wenzel
Active learning materials for equilibrium chemistry and separation science

Ivo Leito, Anneli Kruve
“Measurement Science in Chemistry” consortium – a new force in analytical chemistry higher education in Europe

Ioannis A. Kozaris
Platforms for e-learning

Evangelia A. Varella
E-learning in applied instrumental analysis: the example of cultural heritage preservation

Cynthia K. Larive
The Analytical Sciences Digital Library (ASDL)

Reiner Salzer
Master programs in analytical chemistry

Peter R. Griffiths
Whither “quant”? An examination of the curriculum and testing methods for quantitative analysis courses taught in universities and colleges in the Western USA

R. Salzer
How we assure quality in teaching analytical chemistry
Cynthia K. Larive

**A picture is worth a thousand words: animations and simulations in the teaching of analytical science**


Johann Gasteiger

**Chemoinformatics: a new field with a long tradition**


Karl Heinz Koch

**The responsibility of the analytical chemist to society**


Reiner Salzer, Terence Mitchell, Pascal Mimero, Miltiadis Karayannis, Constatinos Efstathiou, Anthony Smith, Miguel Valcárcel

**Analytical chemistry in the European higher education area**


Klaus-Peter Jaeckel

**Analytics in the German chemical and pharmaceutical industries**


R. Salzer

**Eurocurriculum II for Analytical Chemistry approved by the Division of Analytical Chemistry of FECS**


Ewa Bulska, Philip Taylor

**Do we need education in metrology in chemistry?**


H. Thomas, S. Paasch, S. Machill, S. Thiele, K. Herzog, M. Hemmer, J. Gasteiger, R. Salzer

**Internet-assisted exercises in structural analysis**