



# **WORKSHOP ON EMPLOYABILITY OF CHEMISTS: STUDY PROGRESS**

**12 DECEMBER 2014**

**Royal Academy of Sciences  
Brussels**



## Genesis of this workshop?

- *March 2014: EuCheMS-ECTN-JRC meeting on possible collaboration*
- *How about a Joint Event:  
chemistry-education-employment ?*





# These 3 organisations are involved





# President Juncker: Agenda for Jobs, Growth, Fairness and Democratic Change

Number 1 Priority: Strengthen Europe's competitiveness, create jobs and growth.

## People

- Europe needs to reduce unemployment, in particular youth unemployment
- Europe needs to create a climate of entrepreneurship
- Europe needs to stimulate innovation

**Key role for education and training**



# First European Survey of Chemists





**Today's challenge?**





High Level Group  
on the Competitiveness  
of the European  
Chemicals Industry  
— **Final Report**





Anal Bioanal Chem (2014) 406:3251–3255

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ABCS OF EDUCATION AND PROFESSIONAL DEVELOPMENT IN ANALYTICAL SCIENCE

# **Educating tomorrow's chemists**

**Reiner Salzer**





European

# University World News



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## Teach students soft skills

William Patrick Leonard 13 June 2014 Issue No:324

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The financial relationship between students and their tertiary education institutions partially mirrors a contract. While both sides brings something to the table – tuition in exchange for instructional services with certification upon meeting all requirements – there are important differences.



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## Before Great Recession (2007-?)

- *seminal role of employers:  
most graduates were routinely hired*
- *Tuition in exchange for instructional services: the  
degree pays for itself in a lifetime*
- *deficit has been discussed >20 years, little  
institutional response*



# Knowledge Alliances: Cooperation and Innovation

