



**PMF**

w u s a u s t r i a

**Chemistry and Physics  
Education Research Group**

**Session rooms:**

**University of  
Sarajevo  
Faculty of Science  
(Amphitheatre and  
room 318/III)**



**June 28-30  
July 7-9**

**2010**

**University of Sarajevo  
Faculty of Science  
WUS AUSTRIA-BRAIN GAIN PROGRAM**

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# ***Active learning in physics and chemistry***

**A short course by visiting professor  
dr. Josip Sliško**

**Benemérita Universidad Autónoma de Puebla, Puebla, México**

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## **Schedule of sessions**

- 1. Basic facts and ideas of cognitive psychology**  
**June 28, 2010, PMF-Department of Chemistry, 16:00-18:00**
- 2. Impact of traditional teaching on students' learning/ Design principles of active learning**  
**June 29, 2010, PMF-Department of Chemistry, 16:00-18:00**
- 3. Examples of active learning sequences in physics and chemistry**  
**June 30, 2010 PMF-Department of Chemistry, 16:00-18:00**

## **Workshop**

***"Design and implementation of small-scale and pilot research projects in physics and chemistry education"***

- 1. Research and improvement of students' learning**  
**(July 7, 2010, PMF-308/III, 16:00-18:00)**
- 2. Examples of small-scale research project in physics and chemistry**  
**(July 8, 2010, PMF-308/III, 16:00-18:00)**
- 3. Design principles and implementation of pilot research projects**  
**(July 9, 2010, PMF, 16:00-18:00)**