



Absorption of several pollutant compounds from water on activated carbon and determination of them by HPLC;

Visiting Professor: prof. Melina-Spiridoula KOTTI (Technological Educational Institute of Crete - Chania, Grecja)

Short description of the lecture:

The aim of the lecture is triple. Firstly, the students will learn about the main organic pollutants that can be found in water. Secondly, they will learn the determination of these pollutants by chromatographic methods because their concentrations are usually very low. The detection can be done by UV spectrometry and mostly preferable by mass spectrometry. Thirdly, the students will learn the use of activated carbon in order to adsorb pollutants from water.

Contents:

1. Organic pollutants in water
2. Determination of organic compounds by HPLC
3. Adsorption of organic compounds from water on activated carbon

Terminy wykładów			
Data	Dzień tyg.	Godzina	Sala
2015-04-20	Pn	16.15-21.00	GG 300
2015-04-21	Wt	17.00-22.00	Hydro P11
2015-04-22	Śr	16.15-21.00	GG 300