



Nanosensors

Lecturer: prof. Wojciech Włodarski (RMIT University, Melbourne, Australia)

Course description:

Nanosensors is a key multidisciplinary course that will bring together discipline based knowledge and skills and show how they can be applied to nano-sensing problems. The course will build on relevant knowledge from the disciplines of electronics, biomedical engineering, physics, chemistry, biology, material science as well as mechanical engineering. There will be a lecture component to the course in which the fundamentals of various transducing and sensing techniques will be discussed. Different nano-materials will be presented. Design, fabrication and testing of numerous nano-sensors operating in gas and liquid media will be discussed. Several recently developed nano-sensors will be presented. The course aims to understanding and give practical experience in solving nano-sensor problems.

TERMINY WYKŁADÓW			
Data	Dzień tygodnia	Godzina	Sala
2012-11-05	Poniedziałek	9.00-12.00	LUWR (Chemia A)
2012-11-06	Wtorek	9.00-12.00	LUWR (Chemia A)
2012-11-07	Środa	9.00-12.00	LUWR (Chemia A)
2012-11-08	Czwartek	9.00-12.00	LUWR (Chemia A)
2012-11-09	Piątek	9.00-12.00	LUWR (Chemia A)