

SEMINARIUM RENTGENOWSKIE

Dnia 16.03.2015r. o godz. 10.30, w sali D Instytutu Fizyki PAN, odbędzie się seminarium rtg., na którym dr Paweł Rejmak z Instytutu Fizyki PAN, wygłosi referat na temat:

"Basics of UV-Vis Absorption Spectroscopy"

Abstract:

UV-Vis spectroscopy is sensitive and nondestructive technique applicable to study 1-6 eV gap materials, e. g. π -bond organic molecules, d and f electron metal coordination complexes, as well as majority of semiconductors. Though mainly applied for quantitative studies, certain information about geometry and electronic structures can be extracted from UV-Vis spectra.

The talk will cover basic introduction to UV-Vis experiments and theory, followed by more specific applications of this spectroscopy to characterize organic molecules, transition metal compounds and semiconductors.

Prof. dr hab. Krystyna Jabłońska