

SEMINARIUM RENTGENOWSKIE

Dnia 2 sierpnia 2016r. o godz. 10.30, w sali D Instytutu Fizyki PAN, odbędzie się seminarium rtg., na którym **dr Laurent Nittler z IF PAN**, wygłosi referat na temat:

"XPS at the IF-PAN - An introduction to X-ray Photoelectron Spectroscopy: From principle to evaluation"

Streszczenie:

Since 2015, a state-of-the-art X-ray Photoelectron Spectrometer (XPS) is available at the IF-PAN (SL 1.2). This technique, which is also known as Electron Spectroscopy for Chemical Analysis (ESCA), is a powerful research tool for the study of the physical and chemical phenomena on the surface of solids. It is used for studies in various research fields like new material development, interfaces, corrosion, catalysts, contaminations, ceramics, polymers and biomaterials.

In order to promote this new available surface characterization and treatment possibilities the presentation will briefly explore various topics of this technique and instrument:

- an introduction to the basic principles of XPS technique,
- instrumental components of the XPS instrument delivered to the IF-PAN and the related research possibilities,
- the evaluation of the data (from basic concept to advanced evaluation).

Prof. dr hab. Krystyna Jabłońska