



Program

09:30 Přednáška 1:

Studium povrchů a povrchových filmů pomocí XPS/ESCA od Thermo Scientific

09:45 Přednáška 2:

Introduction to the XPS technique

10:40 Coffee break

11:00 Lecture 3:

XPS real-world application examples (with Q&A)

12:15 Lunch break

14:00 K-Alpha XPS - demonstrace 1:

Introduction to experimental techniques

15:30 Coffee break

15:45 K-Alpha XPS demonstrace 2:

Advanced experimental techniques

Středa, 09. 03. 2011

**Polymer Institute
Slovak Academy of Sciences
Dúbravská cesta 9
845 41 Bratislava**

www.thermoscientific.com/surfaceanalysis



XPS Workshop

What is XPS?

- X-ray photoelectron spectroscopy (XPS) is a technique for determining the quantified chemistry of surfaces and interfaces.

Why use XPS?

- Quantified elemental and chemical composition of the outermost 10 nm of surfaces
- Much more effective for surfaces and thin films than SEM, EDS, or XRF
- Just surface information; no interference from the bulk
- Applicable for all solid material types including insulators
- Imaging and depth profiling capabilities
- Non-destructive
- Little or no sample preparation required
- Effective light element analysis (Li, Be, B, C, N, O,....)

Who Should Attend?

- Lab managers, scientists and engineers working in all sectors of academia and industry involved in materials design and production
- Analysts performing failure analysis and trouble-shooting for materials applications
- Anyone interested in the engineering and characterization of surfaces and interfaces
- Anyone needing chemical characterization of solid samples

Prosím registrujte se urychleně, kapacita je omezená!!:

- by E-mail: janderka@pragolab.cz
- by Tel: + 420 731 612 330
- by Fax: + 420 548 210 738