

Friday, May 16

- 08:00-09:00 Registration in the Institute of the Experimental Physics (lecture hall 60)
- 09:00-09:30 Opening of the Symposium
- Session I** Chair: Antoni Ciszewski
- 09:30-10:25 Ryszard Duś (Warsaw, Poland):
The response of work function of thin metal films on interaction with hydrogen
- 10:25-11:20 Bernard Gruzza (Clermont-Ferrand, France):
History of EPES research works and new applications
- 11:20-11:40 Stefan Mróz (Wrocław, Poland):
Directional Auger Electron Spectroscopy (DAES) – possibilities, limitations and proposal of improvements
- 11:40-12:15 Coffee break
- Session II** Chair: György Gergely
- 12:15-13:10 Igor Pronin (St. Petersburg, Russia):
Surface crystallography via incoherent medium-energy electron diffraction
- 13:10-13:30 Rafał Wrobel (Magdeburg, Germany):
Cerium oxide nanolayers on Pt(111) and Cu(111) surfaces: substrate mediated redox properties
- 13:45-15:00 Lunch
- Session III** Chair: Ilona Zasada
- 15:00-15:55 Maria Janik-Czachor (Warsaw, Poland):
Auger electron spectroscopy for materials science
- 15:55-16:50 Antoni Bukaluk (Bydgoszcz, Poland):
Investigations of ultrathin In and In-Ag layers deposited onto the W(110) surface by means of AES, XPS, UPS, STM, LEED and TDS methods
- 16:50-17:20 Coffee break
- Session IV** Chair: Bronisław Orłowski
- 17:20-17:40 Robert Nowakowski (Warsaw, Poland):
Effect of molecular mass on supramolecular organisation of poly(4,4"-dioctyl-2,2':5',2"-terthiophene): a combined scanning tunneling microscope and molecular modeling study
- 17:40-18:00 Ireneusz Morawski (Wrocław, Poland):
Stereographic intensity maps of elastically backscattered electrons in directional elastic peak electron spectroscopy
- 19:00 Workshop Dinner

Saturday, May 17

Session I Chair: Igor Pronin

- 9:00-9:55 Aleksander Jabłoński (Warsaw, Poland):
Are electron spectroscopies useful in the „nano” era?
- 9:55-10:50 György Gergely (Budapest, Hungary):
The inelastic mean free path of electrons. Research in Budapest, Warsaw, Wrocław and Clermont-Ferrand. Brief history and new results
- 10:50-11:20 Coffee break

Session II Chair: Ryszard Duś

- 11:20-12:15 Klaus Wandelt (Bonn, Germany):
The “local work function”: past and presence
- 12:15-13:10 Bronisław Orłowski (Warsaw, Poland):
Resonant photoemission study of 4f electrons on the surface of semiconductors
- 13:10-13:30 Grażyna Antczak (Urbana ,USA):
Adatom movement on the screw dislocation
- 13:45-15:00 Lunch

Session III Chair: Bernard Gruzza

- 15:00-15:55 Ilona Zasada (Łódź, Poland):
Phase transitions in binary alloy inhomogeneous systems
- 15:55-16:50 Leszek Jurczyszyn (Wrocław, Poland):
The influence of a C-defect at the Si(001) surface on In adsorption
- 16:50-17:20 Jozef G. Ociepa (OCI Vacuum Microengineering, Canada):
Recent technological advances in LEED instrumentation
- 17:30-19:30 Poster session
- 19:30 Closing remarks