

5th Autumn School on
**“X-ray scattering from surfaces
and thin layers”**
held in Smolenice, Slovakia
12.9. – 15.9. 2001
2nd Announcement and Call for papers

The fifth Autumn School on the topic of “X-ray scattering from surfaces and thin layers” is scheduled now. The castle is waiting for us between September 12 to September 15. Following the main topics of our school the following tutorials will be presented:

Vladimir Kaganer (PDI- Berlin): “*Kinematic theory of x-ray scattering from lattice defects in crystals and films*”,
Frank Schreiber (MPI-Stuttgart): “*X-ray reflectivity and X-ray standing-waves of organic materials*”,
Julian Stangl (University Linz): “*Grazing-incidence small angle scattering from surface nanostructures (GISAX)*”,
Alexei Nefedov (University Bochum): “*Soft-X-ray scattering from metallic multilayers*”,
Jörg Grenzer (University Potsdam): “*Grazing-incidence X-ray diffraction from buried interfaces*”,
Nikolay Artemiev (University Prague): “*Progress in X-ray optics components*”.

The tutorials will be presented in the beginning of each session. After the tutorials, 20-minutes oral presentations are planned followed by a discussion, almost unrestricted in time. In order to arrange the scientific program, we ask you kindly to submit title and abstract (no restrictions in length) of your contributed talk. As mentioned in the 1st announcement, the contributed talks should be presented by young scientists and students, reporting on recent results and future projects of their scientific work.

The deadline for the abstract submission is June 30, 2001

The conference fee of US\$ 250 includes board and lodging and the other conference events. The money should be paid up to May 31, 2001 to

Landeshauptkasse Potsdam Kontonummer (account): 16 00 15 00
Bankleitzahl (Bank code): 16 00 00 00
Kostenstelle (identification): 52 11 90 02
Keyword: Smolenice2001

Thanks to the donation of BRUKER AXS, Philips Germany and the Deutsche Gesellschaft für Kristallographie we will be able to support a few Eastern Europe scientists. The conference site in Smolenice/Slovakia, is kindly provided by the Slovakian Academy of Science. It is located 40 km north from Bratislava, it is very close to the borders of Czech Republic and Austria. Participants arriving by train or plane to Bratislava will be carried to the conference site. The “how-to-get-there” instructions for car drivers will be sent to all participants at least three weeks before the conference.

The Autumn school will be organized by the University of Potsdam (Germany), the Masaryk University Brno (Czech Republic), and the Institute of Electrical Engineering Slovak Academy of Science Bratislava (Slovak Republic). Additionally, we expect support of the Deutsche Kristallographische Gesellschaft, Czech and Slovak Crystallographic Society, and from several X-ray industrial companies.

Please send your application to one of the organisers listed below. Feel free to ask the organisers for other details if necessary.

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The registration can also be performed per Internet, our WWW page is

www.physics.muni.cz/kfpf/Smolenice or krystal.karlov.mff.cuni.cz/xray/smolenice

Registration Form

I plan to attend the 5th Autumn School on “X-ray scattering from surfaces and thin layers”

Name: _____ First name: _____
Affiliation and e-mail address: _____

I plan to present an oral talk /poster entitled:

I have already payed/ will pay my conference fee at date:

I am student and cannot pay the conference fee. Supervisor’s confirmation:

I plan to arrive by train / plane (arriving time):