LASERLAB EUROPE and COST Action MP0601

Training in Laser Plasma Short Wavelength (Soft X-rays and EUV) Sources

Call for applications for short-term training visits at the Institute of Optoelectronics, Military University of Technology, Warsaw, Poland

Local Organizer: Institute of Optoelectronics (IOE)
Research Group: Laser-Matter Interaction (LMI) Group
Number of participants: 1 researcher at the time
Training duration: 1 to 4 weeks

Detailed programme and aim of the Training:

This short-term scientific visit is intended to teach or to increase the experience of the potential User on the laser plasma extreme ultraviolet (EUV) and soft X-ray (SXR) sources based on a gas puff target. The aim of the Training is to improve the experimental skills and competencies of the European MS and PhD students and young scientists in the area related to the laser plasma EUV/SXR gas puff sources and their applications. The main goal is to increase the User’s interest in the laser plasma gas puff type sources, start the domestic and international collaboration and develop a community of Users. Training action will cover seminars introducing to the topics prepared by the IOE staff and participation in the experiments performed at the LMI laboratories. It is possible for the Users to propose their own experiments with the use of the sources available at the IOE. It is also expected, that the User will give a short seminar presenting his/her research as well. During the Training we offer the scientific and technical assistance, access to the research infrastructure, accommodation and meals at the university guest house. The support for the Training will be granted on the basis of application which will be evaluated by internal and external experts. User applications should include a C.V. with a list of publications, short motivation and statement on how the Training will help to enhance User’s own research program, a recommendation letter and description of the experiment proposal, if applicable. Applications are accepted from researchers or teams located in the European countries.

How to apply: Please complete the application form (form) and send it to the Training Supervisor and the Contact Persons.

Remarks:

We would like to encourage to participate in the Training, since we already have the experience in organizing similar short-term scientific visits performed in the frame of bilateral international co-operations and under the COST Action MP 0601 Short Wavelength Laboratory Sources (Training School on “EUV Optics and Technology” and Short Term Scientific Missions).

For further details on the experimental capabilities and research opportunities please visit Institute of Optoelectronics website: http://www.ioe.wat.edu.pl/ and Laser Matter Interaction Group website: http://www.ztl.wat.edu.pl/zoplzm/index_eng.html. For more information regarding the Training and technical assistance in completing the application, please contact:

Training Supervisor:      Contact Persons:
Prof. Dr. Henryk Fiedorowicz  Dr. Przemysław Wachulak
Institute of Optoelectronics  e-mail address: wachulak@gmail.com
Military University of Technology  phone number: +48(22)6839540
2, Kaliskiego Street  &
00-908 Warsaw, Poland  Dr. Andrzej Bartnik
e-mail: hfiedorowicz@wat.edu.pl  e-mail address: abartnik@wat.edu.pl
phone number: +48(22)6839201  phone number: +48(22)6839612