

2nd International Henry Moseley School and Workshop on X-ray Science

(jointly supported by SESAME and JSPS)

13-22 June 2013

ITAP-Turunç-Marmaris, Turkey



2nd International Henry Moseley-SESAME-JSPS (Japan Society for Promotion of Science) X-ray summer school will be held in ITAP (Institute of Theoretical and Applied Physics) facilities in Turunç-Marmaris, Turkey. The summer school will focus on production of x-rays and their utilization in various branches of sciences, including physics, chemistry, biology, geology, engineering, materials science, pharmacology, archeology, paleontology, and medicine.

The school will cover introductory courses related to accelerator-based sources, x-ray optics for synchrotron radiation, x-ray diffraction, x-ray spectroscopy, and x-ray imaging. Two days of the school will be devoted to hands-on data analysis and visualization for some lectures including powder diffraction, photoemission spectroscopy, structural biology, X-ray absorption fine structure and X-ray fluorescence analysis. The school will provide computers with data analysis programs, but students are encouraged to bring their computers as well. The school aims to host 50 graduate level students and will be open to international participation.

Acceptance will be based on student's statement of interest, preparation level, and letters of recommendation. The subject matter of students can be from any of the areas given above. Accepted students will have accommodation on-site or at a nearby facility, free of charge and meals will be also available on-site.

For further details and application forms : <http://itap-tthv.org/>



Organizers:

Zehra Sayers (Sabancı University, Turkey)

Osamu Shimomura (Japan Society for Promotion of Science, Japan)

Süheyla Özbey (Turkish Crystallography Association, Hacettepe Univ., Turkey)

Scientific Committee:

Esen Ercan Alp (Argonne National Laboratory, USA)

Zehra Sayers (Sabancı University, Turkey)

Osamu Shimomura (Japan Society for Promotion of Science, Japan)

Süheyla Özbey (Turkish Crystallography Association, Hacettepe Univ., Turkey)

Ömer Yavaş (Institute of Accelerator Technologies, Ankara Univ., Turkey)

Local Organizers:

Hazal Büşra Köse (Sabancı University)

Mesut Erol (Institute of Theoretical and Applied Physics)

Tuğrul Hakioğlu (Bilkent University, ITAP)