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Current Position

Scientist 4, Los Alamos National Laboratory

Background

- 1995-present, Technical Staff Member, LANSCE/CINT, Los Alamos National Laboratory, Los Alamos, NM.
- 2008 – present, Adjunct Professor at the University of California, Davis in the Department of Chemical Engineering and Material Science.
- 2000, sabbatical leave at High Energy Accelerator Research Organization (KEK), KENS, Tsukuba, Japan.
- 1995, Ph.D., Materials and Interfaces, The Weizmann Institute of Science.
- 1991, Risø National Laboratory, Denmark.
- 1984, M.Sc., Physics (x-ray scattering), University of Warsaw.

Honors

- 2016 NSSA Fellow.
- 2006 APS Fellow.
- Multiple LANL Awards including Distinguished Performance Award.

Activities

- ORNL Neutron Scattering Science Review Committee.
- Frequent member of Los Alamos National Laboratory LDRD-ER/DR Review Committees.
- Frequent reviewer for 20+ scientific journals.
- Co-organizer and speaker at several LANSCE Schools on Neutron Scattering.
- Co-organizer of several MRS and E-MRS symposia, other conferences and meetings.

Interests

- My career has been based on using x-ray and neutron scattering to study structure and functions of thin films, including soft- and bio-structures. I am instrument scientists for SPEAR and ASTERIX neutron reflectometers at the Lujan Center at LANSCE (DoE facility). I am a frequent user of multiple beamlines at APS.

Goals

- To promote excellent science at APS including x-ray studies of molecular films, soft materials, and bio-interfaces especially for time-resolved investigations.
- Improving the user access and experience at the APS.
- Influence the policy to allow the use of thin layer of radioactive materials at the APS.
- Advocating for complementary use of BES neutron scattering facilities like SNS.