

PERSONAL DATA



dr. Óvári László
senior research fellow

📍 MTA-SZTE Reaction Kinetics and Surface Chemistry Res. Gr., 6720 Szeged, Rerrich B. tér 1.
Leader of Surface Dynamics Group, ELI-ALPS, 6728 Szeged, Wolfgang Sandner u. 3.

☎ +36-62-343586 📠 +36-30-9766332

✉ ovari@chem.u-szeged.hu; Laszlo.Ovari@eli-alps.hu

🌐 http://www2.sci.u-szeged.hu/radio_rekin/index.html; www.eli-alps.hu

 RESEARCH EXPERIENCE
ABROAD

- 02.2006-08.2007 **Ultrafast Surface Dynamics Research Group, Prof. Martin Wolf**
Free University **Berlin**
Topic: optical molecular switching on surfaces
- 06.2009-08.2009 **Ultrafast Surface Dynamics Research Group, Prof. Martin Wolf**
Free University **Berlin**
Topic: optical molecular switching on surfaces
- 08.2010 **Free University Berlin, Prof. Petra Tege**
Topic: optical molecular switching on surfaces
- 06.2012-08.2012 **F. A. University Erlangen Nürnberg, Prof. Hans-Peter Steinrück**
Topic: The interaction of ethanol with Co/CeO₂(111) model catalyst studied with near ambient pressure XPS
- 07.2013-08.2013 **F. A. University Erlangen Nürnberg, Prof. Hans-Peter Steinrück**
Topic: CO oxidation on Pt(111) studied with near ambient pressure XPS

WORKPLACES

- 1996-2000 **PhD in Chemistry at the University of Szeged, supervisor: Prof. Frigyes Solymosi**
MTA-SZTE Reaction Kinetics Res. Gr., Topic: adsorption phenomena studied with FTIR spectroscopy
- 2001-2004 **OTKA Postdoctoral Fellowship at MTA-SZTE Reaction Kinetics Res. Gr.**
Topic: Spectroscopic investigations of surface diffusion and reactivity on carbides and oxides
- 2005 **Research fellow at MTA-SZTE Reaction Kinetics Res. Gr.**
Topic: Preparation and characterization of metal nanoparticles on oxide single crystal surfaces
- 2007-2011 **Senior research fellow at Reaction Kinetics Lab., MTA Chemistry Research Center (Szeged, Dóm tér 7.)**
Topic: Preparation and characterization of metal nanoparticles on oxide single crystal surfaces
- 2012- **Senior research fellow at MTA-SZTE Reaction Kinetics and Surface Chemistry Res. Gr.**
Topic: Nanoalloys, ultrathin oxide films, catalysis, 2D materials
- 2015- **Group leader, ELI-ALPS, Szeged**
Surface Dynamics Group; Surface dynamics studied by NanoESCA

STUDIES

- 1988-1993 **MSc in physics**
Kossuth Lajos University (Debrecen) and Eötvös Loránd University (Budapest)
- 1994-1995 **Studies on social sciences and theology** Istituto Internazionale Mistici Corporis (Loppiano-Italy and Montet-Switzerland)

MEMBERSHIP

Councillor of IUVSTA (International Union for Vacuum Science, Technique and Applications) delegated by the Hungarian Vacuum Society

Member of the steering committee of the Vacuum Science Division of Roland Eötvös Physical Society

LANGUAGE SKILLS

English intermediate

Italian intermediate

RESEARCH TOPICS OF THE
LAST 5 YEARS

2D materials, surface science, ultrafast surface processes, catalysis, oxide surfaces, nanostructures

PUBLICATIONS

43 papers in peer reviewed international journals, h-index: 18

ORCID ID: [0000-0001-8991-2708](https://orcid.org/0000-0001-8991-2708)

Google Scholar: https://scholar.google.com/citations?user=5_Jg6z4AAAAJ&hl=hu