

Curriculum Vitae of ZOLTÁN PÁSZTI



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EDUCATION AND EMPLOYMENT HISTORY

1989 – 1994 MSc studies, Eötvös Loránd University, Budapest, Hungary
1994 MSc in Physics
1994 – 1998 Research assistant at Research Institute for Technical Physics and Materials Science, Hungarian Academy of Sciences
1998 – 2000 Research associate at Research Institute for Technical Physics and Materials Science, Hungarian Academy of Sciences
2001 PhD in Physics (Eötvös Loránd University, Budapest, Hungary)
2001 – 2006 Research associate, Institute for Nanochemistry and Catalysis, Chemical Research Center, Hungarian Academy of Sciences,
2007 – Senior research associate, Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences, Hungarian Academy of Sciences

FIELDS OF INTEREST

- Preparation of surface nanostructures by thin film technology tools
- Surface analysis by photoelectron spectroscopy and sum frequency generation vibrational spectroscopy
- Understanding of mechanism of catalytic processes by advanced surface spectroscopy methods

GRANTS, FELLOWSHIPS

1998 – 2001 Hungarian Research Grant OTKA F25890
2002 – 2003 NSF-NATO Postdoctoral Fellowship (University of Michigan, Ann Arbor, MI)
2003 – 2007 Hungarian Research Grant OTKA F43533
2004 – 2007 Bolyai Grant
2012 – 2016 Hungarian Research Grant OTKA K100793

AWARDS

2005 Young Investigator Award of the Hungarian Academy of Sciences

MEMBERSHIPS, PROFESSIONAL SERVICES

2001 – Member of the Surface Chemistry and Nanostructures Working Group the Hungarian Academy of Sciences

TEACHING EXPERIENCE

2008 – 2009 Physical Chemistry laboratory course (Budapest University of Technology and Economics)