

## CURRICULUM VITAE



- Name: Károly Osvay
- Positions in ELI-ALPS: Research Technology Director  
Head of Laser Infrastructure Division
- Unit in ELI-ALPS: Scientific and Research Technology Directorates
- Habilitation, 2011 (University of Szeged)  
PhD (CSc) in Physics, 1995 (Hungarian Academy of Sciences)  
MSc in Physics, 1990 (József Attila University (Now University of Szeged))  
Research fields and interests: generation, amplification and measurement of ultrashort laser pulses; high intensity lasers; nonlinear optics; ultrashort spectroscopy; laser-material interactions.
- Major achievement / outstanding results: first experimental demonstration of high-intensity optical parametric amplification at TW level (1998); invention of an all-linear optics based method for carrier envelope phase drift measurement (2007).
- Edited 4 books, published 3 book chapters, 72 refereed journal articles (IF=158.459), independently cited 850 times, h=16. Holds 3 national and 4 international patents.
- Supervised 4 PhD and 11 MSc students.
- Scientific employment record:  
2011-13: Acting Head, Dept. Optics & Quantum Electronics, University of Szeged  
1998-: Founder and head of the TeWaTi laser Group, *ibid.*  
1997-2011: Deputy Head, Dept. Optics & Quantum Electronics, University of Szeged  
1996-: Associate Professor, *ibid.*  
1993-1996: Assistant Lecturer, *ibid.*  
1990-1993: Doctoral Stipendee, Hungarian Academy of Sciences
- Visiting scientist: Max Born Institute, Berlin (36 months), Lund University, Lund (12 months), Central Laser Facility, RAL, UK (38 months), Johannes Kepler University, Linz, Austria (3 months)
- Research grants as Principal Investigator:  
Hungarian Scientific Research Fund (OTKA): 2 junior scientists-, 4 topical research-, and 4 equipment grants;  
National Committee of Technological Development (OMFB): 2 equipment grants; 3 mobility grants (TÉT, EU TMR Access to Large Scale Facility);  
Renewal of the Society OP (TAMOP): 2 grants
- Participation in the ELI project:  
Research and Technology Director: 2013-  
Head of the Scientific Group of ELI-ALPS: 2012-13  
Scientific project manager for ELI-ALPS: 2010-2012  
Dept. project manager of ELI-PP: 2008-2011  
Dept. coordinator of Hungary in ELI-PP: 2007-2010  
Leader of the workpackage WP4A of ELI-PP: 2007-2009