

CURRICULUM VITAE

- **NAME:** Károly Osvay
- **POSITIONS IN ELI-ALPS:**
Research Technology Director
Head of the Laser Infrastructure Division
- **UNIT IN ELI-ALPS:** Scientific and Research Technology Directorates
- **ACADEMIC QUALIFICATIONS:**
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; non-linear optics; ultrashort spectroscopy; laser-material interactions.
- **MAJOR ACHIEVEMENTS / 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).
- **PUBLICATION RECORD:**
Edited 4 books, published 3 book chapters, 85 refereed journal articles, independently cited 1091 times, $h=18$ (source: Web of Science). Holds 3 national and 4 international patents.
- **ACADEMIC SUPERVISION:**
Supervised 6 PhD and 14 MSc students.
- **SCIENTIFIC EMPLOYMENT HISTORY:**
2011-13: Acting head, Dept. of Optics & Quantum Electronics, University of Szeged
1998-: Founder and head of the TeWaTi Laser Group, *ibid.*
1997-2011: Deputy head, Dept. of Optics & Quantum Electronics, *ibid.*
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
Deputy project manager of ELI-PP: 2008-2011
Deputy coordinator of Hungary in ELI-PP: 2007-2010
Leader of the work package WP4A of ELI-PP: 2007-2009