



CURRICULUM VITAE

- **NAME:** Katalin Geretovszkyné Varjú, PhD
- **EMAIL ADDRESS:** Varju.Katalin@eli-alps.hu
- **POSITION:** Science Director, **ELI ALPS**; Associate Professor, **University of Szeged**
- **EDUCATION / QUALIFICATIONS:**
 - 2015 Habilitated doctor at the University of Szeged
 - 2002 PhD recognised in Hungary, and awarded the distinction:
Promotio Auspiciis Praesidentis Rei Publicae
 - 2000 PhD in Theoretical Physics, University of Kent at Canterbury, UK
 - 1999 MSc in Physics with distinction, JATE University, Szeged, Hungary
 - 1996 Diploma in Physics with distinction, University of Kent at Canterbury, UK
- **RESEARCH INTEREST:**
 - Propagation of femtosecond laser pulses
 - Nonlinear interactions, high-order harmonic generation
 - Attosecond pulse (train) generation and applications
- **PUBLICATIONS:**
 - research articles: 66
 - independent citations: 1650
 - h-index: 21
 - cumulative impact factor above 110
- **EMPLOYMENT HISTORY:**
 - 2019 – ELI ALPS Science Director
 - 2015 – 2019 ELI ALPS Head of Attosecond Sources Division
 - 2015 – University of Szeged, Faculty of Science, associate professor, part-time
 - 2014 – 2015 ELI ALPS Secondary Sources Division, group leader, part-time
 - 2012 – 2014 University of Szeged, Faculty of Science, senior researcher, part-time
 - 2011 – 2013 University of Szeged, Faculty of Medicine, associate professor, part-time
 - 2010 University of Szeged, Faculty of Medicine, researcher, part-time

2010 – 2013 ELI ALPS, scientific project manager, part-time
2010 – 2011 HAS Research Group on Laser Physics at the University of Szeged,
senior researcher, part-time
2006 – 2009 University of Szeged, Faculty of Science, researcher
2000 – 2002 Radnóti Miklós Grammar School, Szeged part-time high school physics
teacher
1999 – 2005 University of Szeged, Faculty of Science, research assistant

- **VISITING SCIENTIST**

2004 – 2005 Lund University (Sweden) Marie Curie EIF postdoctoral researcher
2003 – 2004 Lund University (Sweden) Research Training Network researcher
1996 – 1999 University of Kent (UK), with Overseas Research Scholarship

- **AWARDS, HONORS:**

2009-2012 Bolyai János Research Grant (Hungary)
2007-2008 Magyary Zoltán Postdoctoral Scholarship (Hungary)
2004-2005 Marie Curie Postdoctoral Scholarship, Lund University (Sweden)
2003-2004 Research Training Network Postdoctoral Scholarship, Lund University
(Sweden)
2002 *Promotio Auspiciis Praesidentis Rei Publicae* award of the Hungarian
President

- **LANGUAGES:**

Hungarian mother tongue, fluent in English, rudiments of Russian, German and
Swedish.