

## *Curriculum Vitae*

### **Peter Gregorčič**

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#### **1. Education:**

2012 PhD in Physics, Faculty of Mathematics and Physics, University of Ljubljana

2007 BSc in Physics, Faculty of Mathematics and Physics, University of Ljubljana

#### **2. Teaching activities**

2015– Assistant Professor for Laser Applications, Faculty of Mechanical Engineering, Uni. of Ljubljana

2008–2015 Assistant for Physics, Faculty of Mechanical Engineering and Biotechnical Faculty, Uni. of Lj.

2007–2015 Assistant for Laser Applications, Faculty of Mechanical Engineering, Uni. of Ljubljana

#### **3. Employment:**

2015 Research Fellow, Faculty of Mechanical Engineering, University of Ljubljana

2012 Researcher with PhD, Faculty of Mechanical Engineering, University of Ljubljana

2007 Young Researcher, Faculty of Mechanical Engineering, University of Ljubljana

2007 Researcher, Faculty of Mechanical Engineering, University of Ljubljana

#### **4. Research Interests:**

Applied physics; Laser technology; Lasers in medicine, Laser-based manufacturing; Laser texturing and micro/nano processing of functionalized surfaces.

#### **5. Scientific and Professional Experiences:**

- PI of two industrial projects and one bilateral project;
- Participating in 12 national and international projects;
- 117 scientific and professional publications: 34 scientific peer-reviewed papers, 2 invited lectures, 45 contributions on scientific conferences, co-author of 1 Slovenian patent and 2 EU patent applications;
- Reviewer at 13 journals (OSA, Elsevier, Springer, AIP, IOPscience, De Gruyter, MDPI);
- Supervisor to 1 MSc student and 4 BSc students; and co-supervisor to 1 PhD student, 1 MSc student, and 5 BSc student (one of them awarded by University Prešeren's award for outstanding thesis).
- Mentor to students within 2 projects "By a creative way to practical knowledge" funded by Slovene human researches development and scholarship fund (contributing companies: Fotona; Optotek; and Yaskawa Slovenia).

#### **6. Awards:**

2014 Jožef Stefan Golden Emblem for the outstanding PhD thesis. Awarded by Institute Jožef Stefan,

2012 Recognition for quality publications. Awarded by Faculty of Mechanical Engineering (Uni. of Lj.).

2011: Award for the contribution to sustainable development in 2010. Awarded by Slovene human resources development and scholarship fund.

2007: Recognition of the Faculty of Mechanical Engineering (Uni. of Lj.) for the successful presentation of scientific research in the international environment in 2007.

2007: "Prešeren's Award" of the Faculty of Mathematics and Physics (Uni. of Lj.) for the outstanding Diploma work (Master thesis).

**7. Memberships:**

OSA (Optical Society of America); SPIE (International society for optics and photonics); technology platform Photonics 21 (working groups: WG2: Industrial Manufacturing and Quality; and WG3: Life Science and Health); editorial board of Photonics & Lasers in Medicine; and editorial board of Mechanical Engineering World.