

Grega Bizjak Curriculum Vitae

Grega Bizjak was born in Ljubljana, Slovenia, in 1966. He received the M.Sc. and D.Sc. degrees, both in Electrical Engineering, from Faculty of Electrical Engineering, University of Ljubljana in 1993 and 1997, respectively.

He started his career as a junior researcher in 1990 at the Faculty of Electrical Engineering, University of Ljubljana. From 1991 to 1992 he was a researcher at Power Network Planning Department of Siemens AG in Erlangen, Germany. In 1993 he became a teaching assistant at Faculty of Electrical Engineering, University of Ljubljana. From 1999 to 2009 he was assistant professor and from 2009 he holds the position of associated professor of electrical engineering at the same faculty. He is also a head of Laboratory of Lighting and Photometry.

In 2008 and 2009 he spends 6 months as visiting researcher in Physikalisch-Technischen Bundesanstalt (PTB) in Braunschweig, Germany. In 2010 he spends 3 months as a visiting professor at Aalto University, Helsinki, Finland.

Grega Bizjak is also involved in different national and European research projects as well as in different industrial projects.

Research interests:

- Lighting
- Photometry
- Electrical safety engineering
- Sustainable energy sources
- High voltage switching devices
- Digital simulation in Electrical Power Engineering

Teaching:

- Electrical installations and lighting (Undergraduate study program, Faculty of Electrical Engineering, University of Ljubljana)
- Low voltage electrical installations (Undergraduate study program, Faculty of Electrical Engineering, University of Ljubljana)
- Lighting (Master study program, Faculty of Electrical Engineering, University of Ljubljana)
- Distribution and industrial power networks (Master study program, Faculty of Electrical Engineering, University of Ljubljana)
- Simulations and measurements in lighting (Doctoral study program, Faculty of Electrical Engineering, University of Ljubljana)
- Electrical engineering, safety and lighting (Undergraduate study program, Faculty of Chemistry and Chemical Technology, University of Ljubljana)

Grega Bizjak is author or co-author:

- 33 scientific papers
- 86 papers and presentations on conferences
- 2 chapters in professional book

He was also principal supervisor or co-supervisor at:

- 2 Ph.D. thesis
- 75 Ms.C. and Bs.C. thesis

Memberships in international scientific organizations:

- President of Slovenian national committee of CIE
- Slovenian representative in division 2 of CIE
- Member of different Technical Committees at Division 3 of CIE
- Member of Lux Europa Council
- Member of IEEE

Selected papers:

- KOBAV, Matej Bernard, BIZJAK, Grega. Development of a substitutive light source for indoor daylight calculations. *Build. environ.* [Print ed.], 2005, vol. 40, iss. 12, str. 1611-1618, ilustr.
- PRELOVŠEK, Mitja, BIZJAK, Grega. Variations of color correlated temperature of white LED light. *Inf. MIDEM*, sep. 2006, letn. 36, št. 3, str. 134-139, ilustr.
- KOBAV, Matej Bernard, BIZJAK, Grega. Indoor daylight calculations with developed substitutive light source. *Ing. iluminatului*, 2006, vol. 8, no. 17, str. 24-31, ilustr.
- BIZJAK, Grega, LINDEMANN, Matthias, SPERLING, Armin, SAUTER, Georg. Determination of stray light at the PTB goniophotometer facility. *MĀAPAN, J. Metrol. Soc. India*, Sep. 2009, vol. 24, no. 3, str. 163-173, ilustr.
- YLINEN, Anne-Mari, BIZJAK, Grega, PUOLAKKA, Marjukka, HALONEN, Liisa. Road lighting practices and energy-efficiency - Slovenia and Finland. *Ing. iluminatului*, Jun. 2011, vol. 13, no. 1, str. 29-44, ilustr.
- BRAČKO, Sabina, RIJAVEC, Tatjana, BIZJAK, Grega, GORENŠEK, Marija. Impregnation dyeing of cotton/polyester spun yarn mixture with photoluminescent pigments. *Tekstil ve konfeksiyon dergisi*, 2011, vol. 21, no. 1, str. 58-64.