

CV of Zsolt Papp

Personal data

Name	Zsolt Papp
Position	Associate professor
Current institution	Department of Physics, Budapest University of Technology and Economics, H-1111 Budapest, Budafoki út 8, Hungary
e-mail	zsoltpap@gmail.com
Phone	+36 1 463 38 27
Fax	+36 1 463 41 80
Date of birth	1960

Education

1985 MSc in Physics, JATE (University of Szeged, Faculty of Sciences)
2003 PhD in Physics, “Real wave reconstruction”, BME Hungary

Employment

1985-1987 MÁV (Hungarian Railway Company, software engineer)
1987-1989 MOM Hungary (Hungarian Optical Works, physicist)
1989-1998 Assistant lecturer, BME Hungary
1998-1999 Visiting Scientist SzFKI, KFKI, Hungary
1999- Associate professor, BME Hungary

Research interest

Holography, digital holography, optical metrology, holographic printing, laser physics, quantum optics, QKD

Teaching activity

Physics 1, Physics 1i (mechanics, relativity, thermodynamics)
Physics 2, Physics 2i (electromagnetism, optics)
Mechanics
Electrodynamics
Nonlinear optics
Optical communication

Membership

Member of ELFT
Referee of Springer

Students supervised

MSc students: 1992, 1995, 2012

BSc students: 2010, 2015, 2016, 2018

Laguage

English (master)

Scientific impact (as of 01/2015)

14 papers in refereed journals

5+ invites conference talks and seminars

Total number of independent citations: 20

Complete list of publications:

<https://vm.mtmt.hu/www/index.php?lang=1&AuthorID=10041505>

Five selected publications

1. Bacsárdi, ..., Zs. Papp, ..., *Kísérletek folytonos változójú kvantumos kulcsmegosztó eszköz megvalósítására*, Kvantumelektronika 2014
2. Zs. Papp, J. Kornis, B. Gomgkötő, *New methods in recording and reconstruction digital holograms*, *PROCEEDINGS OF SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING* 5144, page. 170-174. (2003)
3. Zs Papp, J Kornis, *Digital holography by two reference beams*, Proc. Optical Engineering for Sensing and Noanotechnology, SPIE. Konferencia helye, ideje: Yokohama, Japan, Yokohama: page. 112-115. (2001)
4. N. Bokor, Zs. Papp, *Optimization of kinoform lenses with the Monte Carlo method*, *APPLIED OPTICS* (1962-1989) 37:(17) page. 3685-3688. (1998)
5. N. Bokor, Zs. Papp, *Monte Carlo method in computer holography*, *OPTICAL ENGINEERING* 36:(4) page 1014-1020. (1997)