

PERSONAL DATA

Csaba Tamás Holló

Address:

Badacsonyi utca 14/A fsz. 1.
1113 Budapest

Mailing address:

Badacsonyi utca 14/a fsz. 1.
1113. Budapest

+36 20 563 9634

hollo.csaba@ttk.bme.hu



POSITION

Research associate

STUDIES

2019.-present

PhD Studies

Budapest University of Technology and Economics

Doctoral School of Physical Sciences

PhD Topic: Development of temporally correlated photon pair sources

2017.-2019.

MSc in Physics

Budapest University of Technology and Economics

Specialization: Optics–Photonics

Thesis: Development of a quantitative and objective measuring device for investigating light scattering in the human eye

2014.-2017.

BSc in Physics

Budapest University of Technology and Economics

2010.-2014.

High School Graduation

ELTE Apáczai Csere János High School and College

PERSONAL SKILLS

Languages

English: B2

Professional Skills

- Experience in the design and implementation of fiber-coupled twin-photon sources
- Knowledge of basic optical systems and experience in designing simple optomechanical setups
- Experience in CAD software (PTC Creo)
- Programming: Python, C++, C#, MATLAB

Publications

Cs. T. Holló *et al.*, *Laser Science* (Optica, 2020), JTh4A-36.

Cs. T. Holló *et al.*, *Opt. Eng.* 61, 025101 (2022).

Cs. T. Holló *et al.*, *Quantum 2.0 Conf.* (Optica, 2022), QTu2A.18.

Cs. T. Holló *et al.*, *Phys. Rev. A* 106, 063710 (2022).

Cs. T. Holló *et al.*, *Phys. Rev. A* 111, 013531 (2025).

Cs. T. Holló *et al.*, *Sci. Rep.* 10, 1–10 (2020).

- Achievements**
- Zemplén Győző Faculty Youth Research Award (2023)
 - 1st place, OTDK National Student Research Competition (Spring 2019)
1st place, Faculty Student Research Competition (Fall 2018) – Development of experimental wavefront sensor technology for the objective diagnosis of cataract
 - 1st place, Faculty Student Research Competition (Fall 2017) – Experimental and simulation modeling of light scattering in the human eye in case of cataract