

CV

Nikolai Suchkov

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Education

2013 – 2015 **Master of Science in Mechatronics (Summa Cum Laude)**, Warsaw University of Technology, Poland & University ITMO, Russia (Exchange program)

- Master's thesis: Experimental and numerical investigations of tomography system based on holographic projections

2009 – 2013 **Bachelor of Science in Optical Engineering**, University ITMO, Russia

- Bachelor's thesis: Development of the mirror telescope for the research of infrared radiation of astronomical objects

Publications

M. Dudek, N. Suchkov, M. Józwiak, M. Kujawińska, "Workshop tomographic system for 3D refractive index investigations in optical fibers", *Advanced Mechatronics Solutions*, SPRINGER, vol. 393, 529-534 (2015)

Relevant Experience

06/2016 – current time *Voptica*, Researcher

- Research & development of the new generation of visual adaptive optics simulator

03/2015 – 06/2015 *Warsaw University of Technology, 3D Phase project*, Research Assistant

- Development of workshop tomographic system for optical fiber measurement

10/2013 – 09/2014 *LOMO*, Optical Engineer

- Design and quality control of optomechanical and optoelectronic elements;

Relevant Skills

- Considerable experience in research and laboratory work
- Experience in optical and optomechanical design
- Deep knowledge of optical metrology
- Proficiency in MatLab
- Proficiency in Zemax
- Proficiency in 3D CAD programs, such as Pro/Engineer, SolidWorks, AutoCAD