

Personal data:

Name and surname: **Milan Malý**
Date of birth: 28. 9. 1991
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Education:

Brno University of Technology, Faculty of Mechanical Engineering, Department of Thermodynamics and Environmental Engineering, Design and Process Engineering
2016 - 2021 Doctoral studies, defence of dissertation thesis expected in February 2021

Brno University of Technology, Faculty of Mechanical Engineering, Department of Thermodynamics and Environmental Engineering
2014 – 2016 Graduated with honours – Master's degree

Brno University of Technology, Faculty of Mechanical Engineering
2011 – 2014 Bachelor degree

Grammar school, Brno
2007 – 2011

Employment history:

Brno University of Technology, Faculty of Mechanical Engineering
Assistant lecturer
2019 – present

Brno University of Technology, Faculty of Mechanical Engineering,
Junior researcher in atomization and sprays
2012 – 2019

Academic internships and abroad workshops

Instituto Superior Técnico, University of Lisbon, Portugal
Researcher of complex liquid sprays, PDA and HS measurements
2. 2017 – 5. 2017

Best Practices Guidelines for CFD of turbulent combustion
11. - 12. 12. 2018, Imperial College, UK

EuHIT School on Turbulence
4. - 6. 7. 2016, University of Warsaw, Poland

Short Course on Atomization and Sprays
23. - 26. 2. 2015, TU Darmstadt, Germany

Certificates:

Laser safety
2014 Operation of lasers IV. category

Language skills:

English: Advanced

Czech: Native speaker

Scientific interest:

Turbulent two-phase flow: focus on atomization and sprays including internal flow

Experimental methods in fluid mechanics (Laser Doppler and phase Doppler anemometry,

Particle Image Velocimetry, shadowgraph technique, high-speed camera, etc.)

CFD of two-phase internal flow

Hardware and software skills:

Phase Doppler Anemometry: Advanced

High-speed imaging: Advanced

Particle Image Velocimetry: Proficient

Ansys Fluent: Proficient

Matlab: Intermediate

National Instruments LabVIEW: Intermediate

Publications:

Author of **11 journal papers** (9 in 1. quartile by JCR) and > 12 conference papers

H-index 5, Scopus citations (excluding self-citations) > 60

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Reviewer in several journals.