

Michal Outrata

michaloutrata@vt.edu • michaloutrata.com • nationality: czech • born: 1994
office 554 at McBryde Hall, Blacksburg campus • (+1) 540 231 2764

Education & Employment

College of Science, Virginia Tech

BLACKSBURG VA, USA

PostDoc research and teaching position

Dec 2022 – Aug 2024 (expected)

Supervised by Prof. Eric de Sturler

Faculty of Sciences, University of Geneva

GENEVA, SUI

Ph.D. in Numerical Analysis and Scientific Computing

Sep 2018 – Dec 2022

Supervised by Prof. Martin J. Gander

Faculty of Mathematics and Physics, Charles University

PRAGUE, CZ

Master of Science in Numerical and Computational Mathematics

Oct 2016 – Sep 2018

Supervised by Prof. Miroslav Tůma, graduation summa cum laude

Bachelor of Science in Mathematics

Oct 2013 – Sep 2016

Supervised by Prof. Zdeněk Strakoš

Department of Mathematics, University of Bath

BATH, UK

Summer internship programme

July 2016 – Sep 2016

Supervisors: Dr. James Hook, Prof. Alastair Spence

Teaching Experience

Introduction to differential equations (lecturer)

Virginia Tech (en)

spring 2022/23

Numerical analysis (TA)

University of Geneva (fr)

fall & spring 2021/22

Scientific calculations with Maxwell equations (TA)

University of Geneva (fr)

fall 2020/21

Low-rank models in scientific computations and machine learning (TA)

University of Geneva (en)

spring 2019/20

Analysis 1,2 (TA)

University of Geneva (en)

spring 2019/20 & 2020/21

University of Economics in Prague (cz)

fall 2016/17 – spring 2017/18

Linear algebra 1 (TA)

University of Geneva (fr-en)

fall & spring 2018/19

Charles University in Prague (cz)

fall 2014/15

Language and Other Skills

Czech – native, **English** – fluent, **French** – intermediate, **German** – passive

Python, Matlab, \LaTeX , Jupyter, Pascal

January 11, 2023