



Nguyen Dang-Khoa

Curriculum vitae

Last update November 23, 2016

PERSONAL INFORMATIONS

<u>Full name</u>	NGUYEN Dang-Khoa	<u>Family name</u>	Nguyen
<u>In Vietnamese</u>	Nguyễn Đăng-Khoa	<u>Gender</u>	Male
<u>Place of Birth</u>	Ho Chi Minh city, Vietnam	<u>Nationality</u>	Vietnamese
<u>Birthdate</u>	November 24 th , 1993	<u>Marital Status</u>	Single

CONTACT INFORMATIONS

Faculty of Mathematics	★ 04.132
University of Vienna	✉ dang-khoa.nguyen@univie.ac.at
Oskar-Morgenstern-Platz 1	☎ +43 1 4277 50762
1090 Vienna	
Austria	

EDUCATION

Doctoral duration

Oct. 2016 – **Vienna Graduate School On Computational Optimization**, *Faculty of*
now *Mathematics*, University of Vienna.

Supervisor Assoc. Prof. Radu Ioan Boț (**University of Vienna**)

Master duration

July 2015 – **French - Vietnamese Master 2 program on Applied Mathematics**,
July 2016 *University of Tours - Université François-Rabelais*, France.

Grade 16,50/20.

Rank Très Bien - Very Good (2/22).

Master thesis

Title *On approximation methods for ill-posed Bilevel optimization problems.*
Supervisor Prof. Mounir Haddou (INSA de Rennes and IRMAR)

Bachelor duration

Sept. 2011 – **Bachelor of Science in Mathematics and Computer Science**, *University of Sciences (UNS)*, Vietnam National University - Ho Chi Minh city (VNU – HCM), Vietnam.

Grade 8,39/10.

Rank Distinction.

Bachelor thesis

Title *A posteriori error estimation for Transport equation.*
Supervisor Dr. Le Anh-Ha (Bosch Vietnam and UNS.)

EMPLOYMENT

- Oct. 2016 – **Research scientist**, *Faculty of Mathematics*, University of Vienna, Vienna, now Austria.
- Apr. 2016 – **Master Internship**, *Centre de mathématiques*, Institut National des Sciences Appliquées de Rennes, Rennes, France.
- Sep. 2015– **Teaching assistant**, *Faculty of Mathematics and Computer Science*, University of Science, Ho Chi Minh city, Vietnam.

ACADEMIC ACTIVITIES

Main interests

- **Optimization**: convex analysis, nonsmooth optimization, monotone operator theory, convergence analysis.

Other interests

- **Numerical analysis**: numerical schemes, conservation laws, numerical linear algebra, adapted mesh refinement.

School and Workshop

- Mar. 2016 **Numerical Methods in Computational Engineering**, *Vietnamese-German University (VGU)*, Ho Chi Minh city, Vietnam.
- Jun. 2015 **Computational Fluid Dynamic short course**, *Institute for Computational Science and Technology*, Ho Chi Minh city, Vietnam.
- Nov. 2014 **Winter school on Modern Numerical Methods in Engineering Simulation**, *Vietnamese-German University (VGU)*, Ho Chi Minh city, Vietnam.
- Jun. 2014 **Summer school in Mathematical Statistics in Vietnam**, *University of Sciences*, Vietnam National University - Ho Chi Minh city, Vietnam.

Conferences

- May 2016 **HJNET 2016**, *Hamilton-Jacobi Equations: new trends and applications*, INSA de Rennes, France.

Aug. 2015 and **Summer Meeting**, *University of Sciences*, Vietnam National University - Ho
July 2016 Chi Minh city, Vietnam.

ACHIEVEMENTS

- 2016 **French - Vietnamese Master 2 program on Applied Mathematics**
Scholarship for top student.
- 2015 **Odon Vallet** Scholarship for Excellent Students.
- 2015 **Nguyen Duc Canh** Scholarship by General Confederation of Labour of Ho
Chi Minh city for Worker's Children.
- 2014-2015 **University of Sciences** Scholarship to Encourage Learning.