










# Denys Dutykh

## Personal Information

	EMAILS	Professional
		Personal 1
		Personal 2
	ADDRESSES	Professional
		Personal 1
		Personal 2
	PHONES	Tel
		Mobile 1
		Mobile 2
	WEBSITES	Home page
		Public repos
		Research Gate
		Google Scholar
		ResearcherID R-8861-2019
	BIRTH DATE	17/08/1982
	BIRTH PLACE	Pologui, Ukraine
	CITIZENSHIPS	French, Ukrainian
	DRIVING LICENCE	Category B (France, UAE)
	FAMILY STATUS	married, two children

## Professional experience

Associate Professor at the Mathematics Department, Khalifa University of Science and Technology, Abu Dhabi, United Arab Emirates	August 2022 – present
On leave ( <i>en détachement</i> ) from C.N.R.S. to Khalifa University of Science and Technology, Abu Dhabi, United Arab Emirates	August 2022 – January 2028
Chargé de recherche C.N.R.S. of the 1 <sup>st</sup> class (formerly CR1, presently CN – Classe Normale) at INSMI affiliated with the Laboratory of Mathematics (LAMA – UMR 5127), University Savoie Mont Blanc, France	November 2012 – July 2022
Senior Research Fellow (on temporal leave from C.N.R.S.) at the School of Mathematics and Statistics, University College Dublin, Ireland (working on ERC AdGr “MULTIWAVE” project)	September 2012 – December 2013
Chargé de recherche C.N.R.S. of the 2 <sup>nd</sup> class (CR2, titulaire) at INSMI affiliated with the Laboratory of Mathematics (LAMA – UMR 5127), University of Savoie <sup>1</sup> , France	October 2009 – October 2012
Chargé de recherche C.N.R.S. stagiaire at INSMI affiliated with the Laboratory of Mathematics (LAMA – UMR 5127), University of Savoie, France	October 2008 – September 2009
Post-doctoral fellow <sup>2</sup> at LRC Méso CEA DAM/CMLA under the direction of Frédéric DIAS and Jean-Michel GHIDAGLIA	December 2007 – September 2008
PhD student and Teaching Assistant ( <i>Moniteur</i> ) at Centre de Mathématiques et de Leurs Applications (CMLA UMR 8536), École Normale Supérieure de Cachan, France	October 2005 – December 2007

<sup>1</sup> Since the 27<sup>th</sup> of May 2014, University of Savoie changed the name to University Savoie Mont Blanc.

<sup>2</sup> This fellowship was basically funded by the 3<sup>rd</sup> year of my PhD thesis scholarship since the thesis was defended within two years.

## Education and Training

Habilitation à Diriger des Recherches defended at the Laboratory of Mathematics (LAMA), University of Savoie <sup>3</sup> . Title: “ <i>Mathematical modeling in the Environment</i> ”	December 2010
PhD in Applied Mathematics at CMLA, Ecole Normale Supérieure de Cachan. Advisor: Professor Frédéric DIAS. Title: “ <i>Mathematical modeling of tsunami waves</i> ”	October 2005 – December 2007
Master Degree in “ <i>Numerical methods for continuum mechanics models</i> ”, Ecole Normale Supérieure de Cachan, rank: <b>1/10</b>	October 2004 – July 2005
<ul style="list-style-type: none"> <li>► Research dissertation: “<i>Moving load on a layered floating ice sheet</i>” under the supervision of Frédéric DIAS. Grade: <b>19/20</b></li> </ul>	
Master’s Degree in Mathematical Modelling, Faculty of Applied Mathematics, Oles Honchar National University, Dnepropetrovsk, Ukraine	September 2003 – June 2004
<ul style="list-style-type: none"> <li>► Research dissertation: “<i>Harmonic oscillations of an inhomogeneous elastic layer under the action of a stamp</i>” under the supervision of Vladimir LAMZYUK. Grade: <b>5/5</b></li> </ul>	
Bachelor’s Degree in Applied Mathematics at the Faculty of Applied Mathematics, Oles Honchar National University, Dnepropetrovsk, Ukraine	September 1999 – June 2003
<ul style="list-style-type: none"> <li>► Research dissertation: “<i>Harmonic oscillations of an inhomogeneous elastic layer</i>” under the supervision of Vladimir LAMZYUK. Grade: <b>5/5</b></li> </ul>	
School N° 23, class specialized in physics, Dnepropetrovsk, Ukraine	September 1997 – May 1999
School N° 83, Dnepropetrovsk, Ukraine	September 1989 – May 1997

## Academic qualifications

Section	Grade	Validity	Field
26	Professor	2011 – 2015	Applied Mathematics
26	Professor	2015 – 2019	Applied Mathematics
37	Professor	2011 – 2015	Physical Oceanography
26	Assistant Professor	2008 – 2012	Applied Mathematics
60	Assistant Professor	2008 – 2012	Mechanics

**Remark 1** Qualification in France is an official permission to apply for Professor and Assistant Professor positions in the national education system. All demands are examined once per year by “Conseil National des Universités” (CNU).

## Awards

- Prime d’Excellence Scientifique (PES) attributed by INSMI (C.N.R.S.), 2014 – 2018
- **Le Prix La Recherche 2007**, nomination “Environment” sponsored by Veolia, research: “Extreme waves: from physics to the effective prevention”. The ceremony was held on the 27th of November 2007 at Luxembourg Palace, Paris, France
- **Best Student Paper Award** at “*The Fifth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena: Computation and Theory*”, Athens, GA, USA, April 16 – 19, 2007

## Professional societies memberships

- **Society for Industrial and Applied Mathematics (SIAM)** N° 020992425 – Member
  - SIAG on Nonlinear Waves and Coherent Structures membership
- **American Mathematical Society (AMS)** N° DTDNXH – Member
- **European Mathematical Society (EMS)** N° 22680 – Member
- **European Geosciences Union (EGU)** N° 525335 – Member

<sup>1</sup>Nowadays, University of Savoie Mont Blanc

- ▶ [Société de Mathématiques Appliquées et Industrielles \(SMAI\)](#) N° 6908 – Member
- ▶ [Société Mathématique de France \(SMF\)](#) N° 18091 – Member
- ▶ [International Association for Hydro-Environment Engineering and Research \(IAHR\)](#) N° 92055 – Member
- ▶ [International Solar Energy Society \(ISES\)](#) Professional Silver membership
- ▶ [GDR CNRS 2948](#): Groupement de Recherche MOAD (2005 – 2009):  
*MOdélisation, Asymptotique, Dynamique non-linéaire*