

Brice EICHWALD

Born: October 3, 1986 (28 y.o.)

Driving licence B

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E-mail : contact@briceeichwald.com<http://www.briceeichwald.com>*Education*

2013 to 2014 - Master of International Business: Institute of Business Administration, University Nice Sophia Antipolis (UNS).

2009 to 2013 - Ph.D. Thesis: at the Jean-Alexandre Dieudonné Mathematics and Interactions Laboratory (LJAD, UMR 7351), University of Nice Sophia Antipolis (UNS), on "Rogue waves in the coastal zone : modeling and study". Supervisors : Didier Clamond (LJAD, UMR 7351) and Marc Francius from Electromagnetic Polls and Terrestrial Environment Laboratory (LSEET, UMR 6017), University of the South, Toulon-Var .

2008 to 2009 Master 2 Research : "Omega, parcours Dynamique" with mention B at UNS. Research project on "Drop bouncing on a superhydrophobic substrate". Supervisor : F. Celestini at the Physics Condensed Matter Laboratory (LPMC, UMR 6622).

2007 to 2008 Master 1: "Omega" with mention AB at UNS. Research project on "Dynamics of a ball bouncing on a vibrated substrate". Supervisors : M. Argentina and F. Celestini at LJAD and LPMC.

2006 to 2007 Licence of Physics L3: with mention AB at UNS.

2005 to 2006 Licence L2: with mention AB at UNS.

2004 to 2005 Licence L1: with mention B at UNS.

2003 to 2004 Bac S: with mention AB at Albert Calmette High School in Nice.

Entrepreneur

2015: Winner of the Challenge Jeunes Pousses competition about start-up creation, organised by Telecom Valley. In charge of the Financial department.

Teaching

2013 to 2014: Mathematics teacher, *C.F.A. Vauban*, Nice.

2009 to 2013: Physics teacher at UNS (Electromagnetism, Mechanics, Fluids Mechanics, Operating System, Scilab).

2008 to 2009: Supports school at UNS for students in Licence of Physics L3 (Non Linear Mechanics).

Responsibilities

2011 to 2012: Elected Project Manager "Promotion of Research and Doctorate" at the national Federation of students associations "Fédération des Associations Générales Etudiantes" (FAGE).

2011 to 2013: Co-organizer of the "Mathematics and Interactions" colloquium for Ph.D. Students at UNS.

2011to 2013: Elected Ph.D. students representative at the Board of the Doctoral School in Fundamental and Applied Sciences (ED.SFA, # 364) at UNS.

2011to 2013: Elected Ph.D. students representative at the Board of the LJAD.

2012 : Member of the Committee for Academic Excellence of the UNICE Foundation (www.fondation.unice.fr) at UNS.

2010 to 2013: Elected observer member at the Board of Directors of the UNICE Foundation at UNS, to represent students.

Popularization of Sciences and Promotion of the University

2012 to 2014: Treasurer of the Alumni association (ALUMNICE) at UNS.

2011 to 2012: Vice President of the association of the Young Researchers of the Alpes-Maritimes (AJC 06) at UNS.

2009 to 2013: Different responsibilities (Member of the Board of Directors, Vice President) of the Ph.D. students association in Fundamental and Applied Sciences (ADSFA) at UNS.

2007 to 2011: Co founder of the Physics students association (“Bureau des Etudiants en Physique”) at UNS, with different responsibilities (Secretary General, Partnerships Manager, Vice President and President).

2007 to 2012: Animator and assistant to the organization of the annual week of the Science Festival at UNS.

2008 to 2010: Participation in the organization of the Students School of Physics at St Etienne de Tinée.

Professional Activities

2002 to 2007: Seasonal administrative tasks for “Inter’Anim” and “QualyGest”.

Certificates

2007: “Certificat Informatique et Internet” (C2I), level 1, which proves that the holder has mastered certain IT and network tool skills.

Languages skills

English: Read, written, spoken. TOEIC 945/990.

French: Native language.

Spanish: Undergraduate level.

Computer skills

Programming: C, Matlab, Scilab, HTML, CSS.

Math Software: Maple, Matlab, Scilab.

Operating Systems: Linux/Unix, Windows.

Visualisation: Gnuplot, Matlab.

Office: L^AT_EX, Word, Excel, PowerPoint, LibreOffice.

Publication

- (1) **B. Eichwald** & M. Argentina & X. Noblin & F. Celestini. *Dynamics of a ball bouncing on a vibrated elastic membrane*. Phys. Rev. E, 179 – 212, **82**(1):016203, 2010.