

Daniel ECEIZABARRENA

Curriculum Vitae

PERSONAL DATA

PLACE AND DATE OF BIRTH: Tolosa, Gipuzkoa (Spain) | 24th May 1993
ADDRESS: BCAM - Basque Center for Applied Mathematics
Alameda de Mazarredo 14, 48009 Bilbao, Spain
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CURRENT POSITION

PRESENT	Ph.D. in MATHEMATICS AND STATISTICS
SEP 2016	BCAM - Basque Center for Applied Mathematics
	Host University: University of the Basque Country (UPV/EHU)
	Advisor: Prof. Luis VEGA
	Research line: Analysis of PDEs - Linear and Non-Linear Waves

EDUCATION

2016	Master's Degree in MATHEMATICS AND APPLICATIONS
2015	Universidad Autónoma de Madrid (UAM)
	GRADE: 9.96/10
	THESIS: <i>The Pointwise Convergence of the Solution to the Schrödinger Equation</i>
	Advisor: Prof. Ana VARGAS
2015	Undergraduate Degree in MATHEMATICS
2011	University of the Basque Country (UPV/EHU)
	GRADE: 9.72/10
	THESIS: <i>Distribution Theory and Fundamental Solutions of Differential Equations</i>
	Advisor: Prof. Javier DUOANDIKOETXEA

SCHOLARSHIPS

2020	Ayudas para la Formación del Profesorado Universitario (FPU)
SEP 2016	SCOLARSHIP No. FPU15/03078
	AIM: Ph.D.
	CALL: 2015
	INSTITUTION: Spanish Ministry of Education, Culture and Sport
AUG 2016	Ayudas para el Fomento de la Investigación
OCT 2015	AIM: Master's Degree
	CALL: 2015
	INSTITUTION: Universidad Autónoma de Madrid (UAM)
JUL 2015	Ayudas para la iniciación a la Investigación
JUN 2015	AIM: Initiation to research
	CALL: 2015
	INSTITUTIONS: University of the Basque Country (UPV/EHU), BCAM

2013 | Beca a la Excelencia Académica
2011 | AIM: Undergraduate Degree
CALLS: 2011 and 2012
INSTITUTION: Basque Government

ATTENDANCE AT CONFERENCES

8-10 MAR 2018	XIV Encuentro de la Red de Análisis Funcional y Aplicaciones BCAM, Bilbao, Spain
1-2 MAR 2018	II Mathematical Analysis Days BCAM-UR in Logroño Universidad de La Rioja, Logroño, Spain
15-17 JAN 2018	Sampling, Uncertainty Principles and Combinatorial Methods in Harmonic Analysis BCAM, Bilbao, Spain
8-10 JAN 2018	Ninth Itinerant Workshop in PDEs Institut de Mathématiques de Bordeaux, Bordeaux, France
4-9 SEP 2017	Analysis and Applications - A conference in honor of Elias M. Stein University of Wroclaw, Wroclaw, Poland
18-20 MAY 2017	Encuentros de Análisis Real y Complejo - EARCO 2017 Santa Cruz de Tenerife, Spain
30 JAN - 3 FEB 2017	Congreso Bienal de la Real Sociedad Matemática Española Universidad de Zaragoza, Zaragoza, Spain
11-13 JAN 2017	Eighth Itinerant Meeting in PDEs BCAM, Bilbao, Spain
12-17 JUN 2016	10 th International Conference on Harmonic Analysis and Partial Differential Equations El Escorial, Madrid, Spain
5-7 MAR 2015	XI Encuentro de la Red de Análisis Funcional y Aplicaciones ICMAT, Madrid, Spain

ATTENDANCE AT SCHOOLS AND WORKSHOPS

- 1-6 OCT 2017 | Summer School: Decoupling and Polynomial Methods in Analysis
Hausdorff Research Institute for Mathematics, Bonn, Germany
- 10-14 JUL 2017 | Third Summer School in Harmonic Analysis and PDEs
BCAM, Bilbao, Spain
- 19-30 JUN 2017 | Fourth Chicago Summer School in Analysis
The University of Chicago, Chicago, USA
- 3-7 MAR 2015 | V Escuela-Taller de la Red de Análisis Funcional y Aplicaciones
ICMAT, Madrid, Spain

TALKS

- 4 OCT 2017 | *A note on the Schrödinger maximal function*
Summer School: Decoupling and Polynomial Methods in Analysis, Bonn
- 27 SEP 2016 | *Schrödinger Maximal Function Estimates via the Pseudoconformal Transformation*
BCAM Working Seminar, BCAM, Bilbao
- 6 MAR 2015 | *Desigualdades Variacionales en Espacios de Hilbert y Aplicaciones*
XI Encuentro de la Red de Análisis Funcional y Aplicaciones, ICMAT, Madrid

SHORT COURSES

- 8-12 MAY 2017 | *BCAM Courses: A glimpse of vectorial Calculus of Variations in L^∞ and fully non-linear PDE systems through the non-expert's keyhole*
BY: Nikos KATZOURAKIS, University of Reading
- 6-10 MAR 2017 | *BCAM Courses: An Introduction to Operator Semigroups*
BY: Sébastien BRETEAUX, BCAM
- 27 FEB-3 MAR 2017 | *Sparse domination of singular integrals beyond Calderón-Zygmund Theory*
BY: Francesco DI PLINIO, University of Virginia
- 6-13 FEB 2017 | *Taller de Iniciación a la Actividad Investigadora*
UPV/EHU
- 28 NOV-2 DEC 2016 | *BCAM and UPV/EHU Courses: Population Dynamics*
BY: Fabio Augusto MILNER, Arizona State University
- 24-28 OCT 2016 | *BCAM Courses: Solutions of the Divergence and Related Inequalities*
BY: Ricardo DURÁN, CONICET
- 17-21 OCT 2016 | *BCAM and UPV/EHU Courses: Layer Potential Methods*
BY: Pedro CARO, BCAM

TEACHING

- SEP-DEC 2017 | *Kalkulu Diferentziala eta Integrala I (Differential and Integral Calculus I)*
Degree of Mathematics, Year 1
Department of Mathematics, University of the Basque Country (UPV/EHU)

PUBLISHED WORKS

- TEMat, 1 (2017) *El efecto de Talbot: de la óptica a la ecuación de Schrödinger*
pp. 91-106 Eceizabarrena, Daniel.
- TEMat, 1 (2017) *El teorema de Müntz-Szász sobre la aproximación de funciones continuas*
pp. 31-44 Eceizabarrena, Daniel; Mas Mas, Alejandro;
Mengual Bretón, Francisco; Soria Carro, María.

DISSEMINATION

- 14 MAR 2018 Talk: *El efecto de Talbot: tejiendo alfombras con luz*
BCAM-NAUKAS Pi Day
Mixelena Aretoa, UPV/EHU Bizkaia Aretoa, Bilbao
[Link to video](#)

ORGANISATION

- Since MAR 2018 LIGHT PhD Seminar, Organising Committee
BCAM-UPV/EHU

OTHER ACTIVITIES

- 2018 Reviewer of [TEMat](#)

LANGUAGES

- BASQUE: Mothertongue
CERF level: C1 - Euskararen Gaitasun Agiria (EGA)
- SPANISH: Mothertongue
- ENGLISH: CERF level: C1 - Spanish Official School of Languages (EOI)
ETF TOEFL: 111 ibt
- FRENCH: Basic Knowledge