

Claudia García López

Date of birth: 20/07/1993 — Nationality: Spanish
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Education

Ph.D in Mathematics, Université de Rennes 1 / Universidad de Granada *2016 - in progress*
Advisors: Taoufik Hmidi and Juan Soler.

Master “Física y Matemáticas (FisyMat)”, University of Granada, **2015-2016**

Degree in Mathematics, University of Granada, 2011-2015

“Premio extraordinario de fin de carrera”: it is an award provided by the University of Granada to the highest average grade of each graduation year.

Grants

FPU grant.

October 2016 - October 2020

Ph.D research grant of the Spanish government.

Sciences Faculty, Applied Mathematics Department, University of Granada.

“Beca de colaboración”

September 2015 - July 2016

“Beca de colaboración” is a departmental collaboration grant awarded by the Ministry of Education, Culture and Sport of Spain to work as an intern in a department in a university. The project is about some particular solutions of the Euler equations, under the direction of the doctor Juan Soler Vizcaíno.

“Beca de iniciación a la investigación”

September 2014 - July 2015

“Beca de iniciación a la investigación” is a grant provided by the University of Granada for beginning researchers to work as an intern in a department in a university.

Participation in research projects

Project MTM2014-53403-R: Dinámica evolutiva, teoría cinética y descripciones hidrodinámicas en ciencias de la vida

01/01/2015 - 31/12/2018

Organism: MINECO (Proyectos de I+D+I: Retos de investigación).

Project FQP-954: Modelado matemático de sistemas complejos en Ciencias de la Vida: de la dinámica tumoral al comportamiento colectivo de especies (BIOMAT) *01/01/2014 - 31/12/2017*

Organism: Junta de Andalucía (Proyecto de excelencia) .

Talks and seminars

Title: “Exploring new solutions of the incompressible Euler equations”

June 2017

Event: CEDYA+CMA 2017 (Cartagena, Spain).

Research stays

Université de Rennes 1 (France)
Supervisor: Taoufik Hmidi.

February - March 2017

Université de Rennes 1 (France)
Supervisor: Taoufik Hmidi.

January - March 2018

Conferences and workshops

CEDYA+CMA 2017

Sociedad Española de Matemática Aplicada (Cartagena, Spain).

June 2017

Workshop on PDEs: Modeling, Analysis and Numerical Simulations

Universidad de Granada (Granada, Spain).

June 2017

Biomat 2017: “Mathematical Models in Biomedical Imaging” *1st June - 3rd June 2017*
Universidad de Granada (Spain).

New trends in Partial Differential Equations

Universidad de Granada (Granada, Spain).

May 2017

Local and global dynamics of concentrated vortices

Université de Rennes 1 (Rennes, France).

May 2017

Spanish-French workshop on analysis of PDEs from fluid mechanics

Instituto de Ciencias Matemáticas ICMAT (Madrid, Spain).

September 2016

Biomat 2016: “Cell dynamics and polymerization”

Universidad de Granada (Granada, Spain).

1st June - 3rd June 2016

“Recent Advances in Fluid Mechanics”

Universidad de Granada (Granada, Spain).

November, October 2015

Centennial of the Royal Spanish Mathematical Society.

Universidad de Granada (Granada, Spain).

February 2015

Workshop on research in non commutative algebra.

Universidad de Córdoba (Córdoba, Spain).

November 2014

Workshop on Categorical and Homotopical Methods.

Universidad de Granada (Granada, Spain).

July 2014

Teaching

Civil Engineering (Universidad de Granada): Ampliación a las Matemáticas (50 hours).

Languages

Spanish, mother tongue.

English C1, Certificate in Advanced English, Cambridge University.

French, elementary knowledge.