Jean Bragard, Ph.D.

Full Professor
Department of Physics and Applied Mathematics
University of Navarra, Pamplona, Spain.
Phone: +34-627948392
Email: jbragard@unav.es
Web: http://fisica.unav.es/~jbragard/

Objectives

Interested in modeling and solving industrial and medical problems. Strong interest in teaching at all University levels. Looking for scientific collaborations (in and out of Academia).

Education

1997 **Ph.D. in Theoretical Physics** (Fluid Physics)
University Complutense Madrid, Spain.
1992 **Ms. Engineering in Mechanics & Physics**
University of Liege, Belgium.

Work History

(2001-Present) **Permanent Faculty** at University of Navarra.
(2000-2001) **Research Associate**
Dept. of Physics, Northeastern University, Boston.
(1999) **Research Scientist**
Dept. of Physics, University of Liege, Belgium.
(1997-1998) **Postdoctoral Fellow (European Union)**
National Research Institute in Optics, Florence, Italy.
(1997) **Visiting Fellow**
Dept. of Mathematics, Israel Institute of Technology.

Awards

2018 **Fulbright Fellowship.**
1997 **Duesberg-Bailly Fellowship.**
(1994-1997) "**Marie Curie" Fellow (European Union).**
1991 **Pisart Fellowship.**

Summary of Qualifications

- Teaching expertise in Physics and Applied Mathematics at undergraduate and graduate levels.
- Highly Qualified Researcher. Have substantial experience in Mathematical Modeling of Physical and Biological Systems.
- Strong background in Fluid Mechanics, Nonlinear Optics, Material Science and Biophysics.
- Interrelate well with people at all levels.
- Multi-lingual: Fluent in English, French, Spanish, and Italian.
- Full CV available for download at : http://fisica.unav.es/~jbragard/cven_jbragard.pdf

Capabilities

Teaching

- Preparation and delivery of lectures at all University levels (Undergraduate & Graduate courses).
- Personal tutoring of students.
- Direction of several Master & Ph.D. theses.

Computer Skills

- Experience in developing codes from scratch in C, FORTRAN, MATLAB, Python, R, Mathematica,…
- Experience in programing parallel computers (MPI).

Accomplishements

- Created computer codes for modeling of Fluid Mechanics (porous media), Nonlinear Optics, Crystal growth and Cardiac Electromechanics Dynamics.
- Have 50 publications in international scientific journals