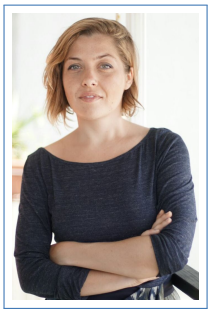

Anna Codispoti

Curriculum Vitae

Present position

2013–present **Three–year funded PhD student in Mathematics and Applications**, *Mathematics Dept, University of Genova*, Genova.

Publications

2015 **Codispoti A and Pinamonti N**, *Interplay of Boltzmann equation and continuity equation for accelerated electrons in solar flares*, arXiv:1502.04534 .

2013 **Codispoti A, Torre G, Piana M and Pinamonti N**, *Return currents and energy transport in the solar flaring atmosphere*, The Astrophysical Journal 773, 121 .

Visits

10-15 August 2015 **Participation to Workshop**, *14th RHESSI workshop*, NJIT, New Jersey 's Science & Technology University, Newark, New Jersey.

1-4 April 2014 **Participation to Workshop**, *13th RHESSI workshop*, FHNW Windisch, Switzerland.

24-28 February 2014 **Foreign National Visitor**, *NASA Goddard Space Flight Center, Greenbelt (MD)*, USA.

Schools

June 2015 **Machine Learning Crash Course**, *DIBRIS-IIT, University of Genova*, Genova.

June 2014 **Introduction to Python Programming**, *DISI, University of Genova*, Genova.

Education

2010–2012 **Master Degree in Mathematics**, *Mathematics Dept, University of Genova*, Genova, 110/110, First Class Honours.
Acquisition of skills in the application of mathematical techniques for the resolution of problems in several areas, including economics, informatics, biology and medicine.

via Nizza 13/26 – 17100 Savona (SV)
(+39) 3406529929 • anna.codispoti@icloud.com
http://www.dima.unige.it/ codispoti

Previous studies **Classical education**, *Liceo Classico Gabriello Chiabrera*, Savona.
Acquisition of classical humanities knowledge, and development of an effective study method and an analytical and problem-solving oriented mind.

Work experience

2014–2015 **Teaching Assistant**, *Physics Dept, University of Genova*, Genova, Sector: Instruction.
Assisting students on the course in Materials science and Chemistry and chemical technologies, with the use of the MATLAB programming language

2013–2015 **First year tutor**, *School of Mathematical, Physical and Natural sciences, University of Genova*, Genova, Sector: Instruction.
First year tutor of the official obligatory recuperation and preparation course and for the Mathematics exam of the Biology course

Language skills

Mother tongue **Italian**.

Other Language **English**.

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
Title: CAE Cambridge University Certification				

Computer skills

I have a good command of the Python, MATLAB, IDL and HTML programming languages.
I have also a good knowledge of the Microsoft Office and Latex packages.
I have a basic knowledge of the C++ and the Javascript programming languages and the Photoshop package.

Communication skills

I believe I have good communication skills, evidenced during my teaching work and my PhD activity, where I have presented my scientific research results at international conferences.

Presentations

August 2015 **An analysis of acceleration models via the electrons continuity equation**, *NJIT, New Jersey 's Science & Technology University, Newark*, New Jersey.
Presented in first person

April 2015 **RHESSI data and the use of averaged electron flux images for the quantitative study of acceleration and transport mechanisms in solar flares**, *NCAR Center Green Campus, Boulder*, Colorado.
Collaboration to the preparation

April 2014 **A kinetic treatment of the role of return currents in the propagation of accelerated electrons**, *13th RHESSI Workshop, FHNW Windisch*, Switzerland.
Presented in first person

February 2014 **A new model for return currents and validation with RHESSI imaging spectroscopy data**, *RHESSI Science Discussion, NASA Goddard Space Flight Center, Greenbelt (MD)*, USA.
Presented in first person

November 2012 **Model selection for energy loss rate and injection mechanisms by means of electron maps and electron continuity equation**, *Solar in Sonoma - Tracing the connections in solar eruptive events, Petaluma*, California.
Collaboration to the preparation

Job-related skills

I consider myself to be a good team-player who can also work independently on individual projects where autonomy is required. This has been beneficial during both my PhD research activity developed at the MIDA group (http://mida.dima.unige.it/) and teaching practice at the University of Genova. I believe that I have an analytical mind with a good approach to probelm-solving and general work management and time-keeping.

Conferences organization

2015 **Member of the local organizing committee**, *Calcolo scientifico e modelli matematici*, 3-6 June, Mathematics Dept, University of Genova, Genova.

2013 **Organization support**, *Science on a table – Festival della Scienza*, 30 October, Palazzo Ducale, Genova.

2013 **Organization support**, *Genova HESPE meeting*, 28-30 October, Mathematics Dept, University of Genova, Genova.

Interests

I am keen on both visual and performing arts. I'm especially interested in photography, and several of my shoots have been selected for different exhibits. I'm also interested in fashion and I try to be always up-to-date about new trends.
I am interested in outdoor activities and I practice fit-walking, running and trekking on a regular basis.
I love traveling, and I would really enjoy a working experience abroad.

Privacy policy

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.