

CURRICULUM VITAE

PERSONAL INFORMATION

Name
Date of birth
E-mail
Citizenship

ALBERTO DAMIANO
DECEMBER , 4TH 1978

EDUCATION

• TEACHING QUALIFICATION

- Course

University of Genova, Italy , 2012-2013 : Tirocinio Formativo Attivo (TFA) I cycle
Teaching licence for Mathematics and Physics (A027, ex A047).
Final grade: 96/100: Thesis: Metodi di Soluzione delle Disequazioni di Secondo Grado.

• GRADUATE

- Title of qualification pursued
- Dissertation title

George Mason University, Fairfax VA, USA; 2002-2005
Ph.D. in Mathematics, obtained January 14th 2006
[Computational Approach to some Problems in Algebraic Analysis](#)

• UNDERGRADUATE

- Degree
- Thesis title

University of Genova, Italy , 1997 – 2001
Laurea in Matematica [Master in Mathematics], November 21st 2001, grade 110/110 cum laude
[Applicazioni dell'algebra computazionale allo studio di alcuni operatori differenziali](#)

• HIGH SCHOOL EDUCATION

- Degree

Liceo Scientifico "G. Saccheri", Sanremo ; 1992 – 1997
Diploma di maturità scientifica [Scientific studies High School diploma] final grade: 60/60

WORK EXPERIENCE

September 2021 – present	Professor of Mathematics and Physics at Liceo G.D.Cassini (Sanremo, IM) - full time, tenure
Academic Years from 20/21 to 23/24	Teaching assistant at University of Genoa – Geometry, Calculus I and Calculus II
September 2014 – August 2021	Head of School – Deledda International School , part of FULGIS
September 2011 – August 2021	IB Mathematics teacher (MYP, DP) at Deledda International School, Genova (Italy)
September 2008 – June 2011	Teaching mathematics and physics at secondary school level, MIUR (province of Imperia, Italy)
August 2007 – June 2008	Visiting Assistant Professor of Mathematics, Chapman University , Orange (CA), USA.
September 2005 – June 2007	Research postdoctoral fellow, Charles University , Prague, as part of the Eduard Czech Institute under the supervision of V. Souček and J. Bureš.
August 2004 – May 2005	Teaching Assistant for the department of mathematics, George Mason University , Fairfax (VA)
August 2002 – May 2005	Research Assistant for D.C. Struppa, George Mason University, August 2002 – May 2005

TEACHING

September 2021 - present

Secondary School - Sanremo
(Italy)

After passing the S.T.E.M. national qualification for the subject class A027 (Mathematics and Physics), I am a full-time instructor at the Liceo G.D. Cassini in Sanremo (classical, scientific, music and linguistic high school).

Academic year 2023 – 2024

Faculty of Engineering, University of Genoa

Teaching assistant of the first-year courses of **Calculus I** and **Calculus II** for the Naval Engineering undergraduate degree, la Spezia campus (DITEN)

Academic years 22/23, 23/24

Faculty of Engineering, University of Genoa

Teaching assistant of the first-year courses of **Calculus I** for the Mechanical Engineering undergraduate degree (DIME)

Academic years 21/22, 22/23, 23/24

Faculty of Engineering, University of Genoa

Teaching assistant of the first-year course of **Geometry** for the Mechanical Engineering undergraduate degree (DIME)

Academic year 2020 – 2021

Faculty of Medicine, University of Genoa

Contract Professor the first-year course of **Mathematics** for the Biotechnology undergraduate degree (DIMES), as well as preparing and grading exams

School years 2011 - 2021

Secondary Schools, FULGIS - Genoa
(Italy)

Teaching - Deledda International School: MYP Mathematics (2011-2015, and 2018-2021), DP Mathematics SL (2011-2017), DP Mathematics HL (2011-2014), Theory of Knowledge (2015-2017). Duchessa di Galliera: Students with special needs (3 years), Mathematics (2 years).

School years 2014 - 2021

School years 08/09, 09/10, 10/11

Secondary Schools, province of Imperia
(Italy)

Head of School with administrative duties - [Deledda International School](#), Genoa

Instructor of mathematics (A026) and mathematics and physics (A027), various periods

- Istituto tecnico per geometri "C. Colombo", Sanremo,

- Istituto Alberghiero "G. Aicardi", Arma di taggia,

- IPSIA "G. Marconi" Sanremo,

- Liceo Scientifico Tecnologico e della Comunicazione "Mater Misericordiae", Sanremo,

- Liceo Scientifico "G.P. Vieusseux", Imperia,

- Liceo artistico "C. Amoretti", Imperia.

• Academic Year 2007-2008

Chapman University, Orange (CA)

Precalculus – undergraduate level classes (fall and spring semester)

Computational Algebra – introduction to Gröbner bases and applications (spring semester)

• Fall Semester 2006

Charles University, Prague (Czech Rep.)

Mathematics seminars in English for second year students on symmetry, Lie groups and their applications.

• Academic Year 2004 - 2005

George Mason University, Fairfax (VA)

Calculus I – teaching assistant

RESEARCH ACTIVITY

I have written more than 15 papers of scientific research in Mathematics and its applications that have been [published on international journals](#). I have presented my results at several international conferences. A list of publications is available upon request and can be found on the web.

I have also contributed to the development of the computer package CoCoA with the implementation of the three packages: computation of Ext modules, applications of commutative algebra to algebraic analysis, representation of $SL(k)$ -invariant operators, Dirac complexes and reduction of tensors.

BOOKS ["Esercizi su Spazi vettoriali e Applicazioni Lineari"](#), ed. Esculapio ISBN 978-8893853170

A.Damiano, V. Bertella

LANGUAGE SKILLS

Other Languages I have studied at various levels:

- Portuguese
- Modern Greek
- Czech
- Latin

CEFR	Listening	Reading	Interacting	Speaking	Writing
Italian	Mother Tongue	Mother Tongue	Mother Tongue	Mother Tongue	Mother Tongue
English CAE grade A 2012	C2	C2	C2	C2	C2
Spanish DELE 2024	C1	C1	C1	C1	C1
French DELF 2017	B1	B1	B1	B1	B1

TECHNICAL SKILLS AND COMPETENCES

- Common Office applications. GeoGebra and Desmos. Some skills in video editing.
- Professional typing and publication software: LaTeX, Microsoft Word.
- Programming languages: Basic, Pascal. Some Fortran 77 and 90, some C.
- Computer Algebra software: CoCoA and Singular

INTERNATIONAL BACCALAUREATE ORGANIZATION Professional Development

October 2011: Mathematics SL Category 1 Workshop – Barcelona (Spain).
October 2014: IBAEM Regional Conference, Preconference on leadership – Rome (Italy).
November 2015: Mathematics SL Category 2 Workshop – Vienna (Austria).
March 2016: Administrators and Coordinators Category I – Madrid (Spain)

PRIVATE TUTORING

- Mathematics and Physics
 - Languages
- Piano and Solfege

Tutored in Maths and Physics several students of various ages and levels.
Taught English to Italians and Italian to foreigners at various levels, mostly to those wanting to improve their conversation skills.
Supported the teaching activity of [Cristina Orvieto](#), Sanremo (IM), Piedmont.
Taught Solfege and Piano to private students at the beginner level.

MUSIC SKILLS

I play the piano as one of my favorite hobbies, mostly classical music.
I have passed the first examination of classical piano from the Conservatory of Cuneo (Italy) with a grade of 8/10. I am certified to teach music theory and solfege.
I have joined several choirs and a cappella ensembles both in Genova and in Sanremo.
I currently sing in the "Fri Noz" pop music band, as part of the several activities promoted by the association "Scuola di Musica Citta' di Sanremo".

OTHER ACTIVITIES/HOBBIES

I managed for 4 years the B&B "Il Larice" in Briga Alta (CN), Italy, between 2011 and 2014.
I am a nature enthusiast and love spending time in the mountains, especially near Upega (CN).
I love cooking, especially baking focaccia and pizza, but also Greek and South American foods.
My current favorite readings include the fields of mathematics divulgation and teaching, psychology and behavioral theory, some novels and autobiographies from Italian writers, LGBT studies and related novels. Some authors I like are Banana Yoshimoto, Piero Angela and Yuval Noah Harari. I like to read in Italian, English, Spanish, French, and Portuguese.

REFERENCES

Ms. Mara Ferrero, Director of Liceo G.D. Cassini dirigente@cassinisanremo.net
Ms. Elizabeth Coykendall Rice, Head of Deledda International School rice@genoaschool.eu
Mr. Ignazio Venzano, former FULGIS Director ivenzano@gmail.com
Dr. Daniele Struppa, President of Chapman University struppa@chapman.edu
Dr. Irene Sabadini, Full Professor, Milan Tech irene.sabadini@polimi.it
Ms. Cristina Orvieto, Piano Instructor and Performer cristina.orvieto@gmail.com

PRIVACY STATEMENT

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