CURRICULUM VITAE

PERSONAL INFORMATION

Name	**ALBERTO DAMIANO**
Date of birth	**DECEMBER , 4TH 1978**
E-mail	**alberto.damiano@cassinisanremo.net** **alberto.damiano@edu.unige.it**
Citizenship	Italy, EU

EDUCATION

• TEACHING QUALIFICATION	University of Genova, Italy , 2012-2013
• Course	Tirocinio Formativo Attivo (TFA) I cycle – Teaching licence for Mathematics and Physics (A027) Final grade: 96/100, Thesis: Solution of quadratic inequalities.
• GRADUATE	George Mason University, Fairfax VA, USA; 2002-2005
• Title of qualification pursued	PhD in Mathematics, obtained January 14th 2006
• Dissertation title	Computational Approach to some Problems in Algebraic Analysis
• UNDERGRADUATE	University of Genova, Italy , 1997 – 2001
• Degree	Laurea in Matematica [Master in Mathematics], November 21st 2001, grade 110/110 cum laude
• Thesis title	Applicazioni dell'algebra computazionale allo studio di alcuni operatori differenziali
• HIGH SCHOOL EDUCATION	Liceo Scientifico "G. Saccheri", Sanremo ; 1992 – 1997
• Degree	Diploma di maturità scientifica [Scientific studies High School diploma] final grade: 60/60

WORK EXPERIENCE

September 2024 – present	Adjunct professor (professore a contratto), University of Genoa, DIBRIS.
September 2021 – present	Professor of Maths and Physics (A027) at Liceo G.D.Cassini (Sanremo, IM) - permanent faculty
Academic Years 20/21, 21/22, 22/23	Teaching assistant for Mathematics courses (Geometry, Calculus).– University of Genoa
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, in the Italian state school system.
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
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

Academic years 24/25 and 25/26
DIBRIS, University of Genoa (Italy)

Adjunct professor (professore a contratto) for the course of Linear Algebra and Geometry, part of the curriculum of the first year of the undergraduate course in Computer Engineering.

School year 2021 - present
Secondary Schools - Sanremo (Italy)

Full time instructor (insegnante di ruolo) at the Liceo G.D. Cassini in Sanremo (classical, scientific, music and linguistic high school), teach high school classes of mathematics and physics (A027).

Academic year 2021 – 2022
School of Engineering, University of Genoa (Italy)

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

Academic year 2021 – 2022
School of Engineering, University of Genoa (Italy)

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

Academic year 2020 – 2021
School of Medicine, University of Genoa (Italy)

Teaching 20 hours of the first year course of **Mathematics** for the Biotechnology undergraduate degree (DIMES), as well as preparing and grading exams (co-teaching with Alessio D'Alì, under the supervision of Paolo Malatesta and Enrico Zeraschi)

School years 2011 - 2021
Secondary Schools, FULGIS - Genoa (Italy)

Teaching - Deledda International School: MYP Mathematics DP Mathematics SL and HL.
Head of School with administrative duties - between September 2014 and August 2021.

School year 2010 – 2011
Secondary Schools, province of Imperia (Italy)

Full year instructor of mathematics (A026), Istituto tecnico per geometri "C. Colombo", Sanremo. Substitute instructor (September to February) of Mathematics (A047) at Istituto Alberghiero "G. Aicardi", Arma di taggia , and at IPSIA "G. Marconi" (March to June), Sanremo.

School year 2009 – 2010
Secondary Schools, province of Imperia (Italy)

Full time instructor of mathematics and physics (A027) , Liceo scientifico tecnologico e della comunicazione "Mater Misericordiae", Sanremo. 10th grade class coordinator. Accompanying teacher for the MLA Summer study abroad program, New York City, 15 days (8 students).

School year 2008 - 2009
Secondary Schools, province of Imperia (Italy)

Substitute instructor of mathematics and physics (A027), Liceo Scientifico "Vieusseux", and "Istituto d'arte statale", Imperia. Member of the final "Esame di Stato" committee at Liceo Scientifico "G. Saccheri", Sanremo.

- **Academic Year 2007 - 2008**
Chapman University, Orange (CA)

Precalculus – undergraduate level class
Computational Algebra – introduction to Gröbner bases and applications

- **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 – recitation and exercises (3 sections)

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.

PUBLISHED BOOKS

"Esercizi su Spazi Vettoriali e Applicazioni Lineari" ed. Esculapio 2022, with Valentina Bertella

LANGUAGE SKILLS

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 2016	B2	B2	B2	B2	B2
French DELF 2017	B1	B1	B1	B1	B1

Other languages I have studied at various levels: Portuguese, Czech, Modern Greek, Latin

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 (I.B.O.) 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
1997-2002, mostly high school students and undergraduate university students.

• English
2004-2008, mostly young people and adults wanting to improve their conversation skills.

• Italian
2006-2007, while in Prague, I taught basic Italian to foreigners and locals.

• Piano and Solfege
In 2008 and 2009, I supported the teaching activity of maestro Cristina Orvieto, Sanremo (IM), Piedmont. I currently teach Solfege and Piano to three private students at the beginner level

MUSIC SKILLS

I have always enjoyed playing classical music, as I began taking piano lessons when I was seven years old. It is still one of my favorite hobbies today. I have passed the first examination of classical piano from the Conservatory of Cuneo (Italy) with a grade of 8/10 and I am certified to teach music theory and solfege. Over the years, I have joined several choirs, bands and a cappella ensembles both in Genova and in Sanremo, I sometimes have paired with other musicians and accompanied their public performances. I currently sing in the pop/rock band "Fri Noz", in Sanremo.

OTHER ACTIVITIES/HOBBIES

In July 2011 I opened and managed the B&B "Il Larice" in Briga Alta (CN), Italy.
I am a nature enthusiast and love spending time in the mountains.
I enjoy cooking, especially baking bread focaccia, pizza and ethnic foods, especially Greek food.
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

• Secondary School Teaching
Ms. Mara Ferrero, head of school, Liceo G.D. Cassini dirigente@cassinisanremo.net
Ms. Alessandra Bonavia, DIS DP Coordinator & Head of School bonavia@genoaschool.eu
Mr. Ignazio Venzano, former FULGIS Director ivenzano@gmail.com

• Research and Academia
Dr. Daniele Struppa, President of Chapman University struppa@chapman.edu
Dr. Irene Sabadini, Full Professor, Milan Tech irene.sabadini@polimi.it

• Music and Piano
Ms. Cristina Orvieto, Piano Instructor and Performer cristina.orvieto@gmail.com

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