

CURRICULUM VITAE

PERSONAL INFORMATION

Name	ALBERTO DAMIANO
Date of birth	TH
Work Phone Number	
Personal Phone number	
E-mail	damiano@genoaschool.eu
Citizenship	Italy, EU

EDUCATION

• TEACHING QUALIFICATION

• Course

University of Genova, Italy , 2012-2013
Tirocinio Formativo Attivo (TFA) I cycle – Teaching licence for Mathematics and Physics
Final grade: 96/100, Thesis: Solution of quadratic inequalities.

• GRADUATE

• Title of qualification pursued

• Dissertation title

George Mason University, Fairfax VA, USA; 2002-2005
PhD 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 maturita' scientifica [Scientific studies High School diploma] final grade: 60/60

WORK EXPERIENCE

Academic Year 2020/2021	Assistant professor for the Mathematics course, Faculty of Medicine , University of Genoa.
September 2014 – August 2021	Head of School (Director) – Deledda International School , part of FULGIS
September 2011 – present	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 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

School year 2011 - present

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).

Other roles - Head of 6th grade year (2011-2012), Head of Mathematics (2012-2014), MYP Assistant Coordinator (2012-2014), DP Assistant Coordinator (2013-2014).

Head of School with administrative and didactic duties (2014-2021).

Academic year 2020 – 2021

Faculty of Medicine, University of Genoa (Italy)

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

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.

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

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

LANGUAGE SKILLS

CEFR	Listening	Reading	Interacting	Produzione orale	Produzione Scritta
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 DELFB 2017	B1	B1	B1	B1	B1
Portuguese self assessed	A2	A2	A2	A2	A2
Czech self assessed	/	/	A1	A1	/
Modern Greek self assessed	A1	A1	A2	A2	A1

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
 - English
 - Italian
- Piano and Solfege

1997-2002, mostly high school students and undergraduate university students.
2004-2008, mostly young people and adults wanting to improve their conversation skills.
2006-2007, while in Prague, I taught basic Italian to foreigners and locals.
In 2008 and 2009, I supported the teaching activity of maestro Cristina Orvieto, Sanremo (IM), Piedmont. I taught solfege and Piano to three private students at the beginner/intermediate level (3th year of conservatory in Italy)

MUSIC SKILLS

I enjoy playing piano as one of my favorite hobbies. I am certified to teach *solfege* from the conservatory of music of Cuneo (Italy) and I passed the first piano exam (compimento inferiore) with a mark of 8/10. I have been singing as a bass/baritone since 2008 with the Choir "Troubar Clair" based in Bordighera, directed by Mario Molinari. In 2011 I became part of the choral octet "Erisimo", directed by Cristina Orvieto. With the octet, I have been part of the production of the opera "Intrigo sull' Olimpo", written by Giorgio Spriano, which has been performed for the first time in Turin (Italy) in November 2012, and again in Sanremo (Italy) in April 2013. In 2012 I joined the local Choir "Janua Vox" based in Genoa and directed by Roberta Paraninfo, director of the Genoa Vocal Academy www.accademiavocale.it

OTHER ACTIVITIES/HOBBIES

2011-2015: 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 and focaccia.
My current favorite readings include the fields of Maths divulgation, psychology and behavioral theory, some novels and autobiography from Italian writers, and literature on how to teach mathematics. I read in Italian, English, Spanish, French, Portuguese.

REFERENCES

- Secondary School Teaching
- Research and Academia
- Music and Piano

Ms. Chiara Colucci, DIS MYP Coordinator colucci@genoaschool.eu
Ms. Elizabeth Cyokendall Rice, DIS DP Coordinator rice@genoaschool.eu
Dr. 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

Maestro Cristina Orvieto, Piano Instructor and Performer cristina.orvieto@gmail.com

PRIVACY STATEMENT: I agree to the use of the data included in this document for the purposes for which it has been received. If used within the Italian administration, I hereby authorize the use of my personal data in compliance with the Italian law N° 675/96.

Alberto Domiano