

curriculum vitae
FORMATO EUROPEO

PERSONAL
INFORMATION

Surname	Bagossi
Name	Sara
Name	
Address	
Telephone	
E-mail	

Nationality	Italian
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Date of birth	10/04/1994
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Education and training

• Date (from – to)	November 2018 - October 2021
• Name and type of organisation providing education and training	Università degli Studi di Modena e Reggio Emilia Seat assigned: Università di Ferrara (Italy)
Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Major: Mathematics Education
• Title of qualification awarded	PhD in Mathematics

• Date (from – to)	October 2016 – September 2018
• Name and type of organisation providing education and training	Università Cattolica del Sacro Cuore, Department of Mathematics and Physics Brescia (Italy)
Duration of the program of study	2 years

• Principal subjects/occupational skills covered	Major: Mathematics (Principal subjects: Mathematical-Physics and Advanced Calculus)
• Title of qualification awarded	Master's degree in Mathematics
• Graduation Thesis (title)	A model for fibre-reinforced materials with statistical orientation of fibers applied to a pennate skeletal muscle tissue
Language	English
Supervisor	Prof. Alessandro Musesti Prof. Giulia Giantesio
Final mark obtained	110 cum laude

• Date (from – to)	October 2013- July 2016
• Name and type of organisation providing education and training	Università Cattolica del Sacro Cuore, Department of Mathematics and Physics Brescia (Italy)
Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Major: Mathematics
• Title of qualification awarded	Bachelor's degree in Mathematics
• Graduation Thesis (title)	An Introduction to Micropolar Fluids
Language	English
Supervisor	Prof. Giulia Giantesio
Final mark obtained	110 cum laude

• Date (from – to)	September 2008 - June 2013
• Name and type of organisation providing education and training	Liceo Scientifico N. Copernico Brescia (Italy)
Duration of the program of study	5 years
• Title of qualification awarded	High school diploma
Final mark obtained	100 cum laude

Work experience, stages, studies abroad

• Date (from – to)	January 2019
• Name and address of firm/university	Università Cattolica del Sacro Cuore, Department of Mathematics and Physics Brescia (Italy)
• Type of business or sector	Secondary school
• Type of employment	Occasional contract
• Main activities and responsibilities	Mathematical training addressed to students of secondary school in preparation to mathematical challenges

• Date (from – to)	May 2018- August 2018
• Name and address of firm/university	Università Cattolica del Sacro Cuore, Department of Mathematics and Physics Brescia (Italy)
• Type of business or sector	University
• Type of employment	Occasional contract
• Main activities and responsibilities	Activity of tutoring addressed to students of three years degree of Università Cattolica of Brescia

• Date (from – to)	September 2017- May 2018
• Name and address of firm/university	Università Cattolica del Sacro Cuore, Department of Mathematics and Physics Brescia (Italy)
• Type of business or sector	PLS – Piano Lauree Scientifiche
• Type of employment	Occasional contract
• Main activities and responsibilities	Laboratories with students of high schools concerning platonic solids. The aim of these activities was to face solid geometry through an interactive and funny approach. The use of an instrument called <i>zometool</i> allowed students to build regular solids and deduce their properties thanks to a direct observation.

• Date (from – to)	April 2016–July 2016 April 2017–March 2018
• Name and address of firm/university	Università Cattolica del Sacro Cuore, Department of Mathematics and Physics Brescia (Italy)
• Type of business or sector	Library
• Type of employment	Part-time employment
• Main activities and responsibilities	Archiving books

Personal skills and competences

Mother tongue	Italian
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Other language(s)

	English (Level B2)
• reading	good
• writing	good
• speaking	good

Social skills and competences	<ul style="list-style-type: none"> - Good interpersonal skills - Ability to work in a team and to interact with people - Ability to work independently - Education and personal training of undergraduate and university students in private lessons
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Organizational skills and competences	<ul style="list-style-type: none"> - Sense of organization and responsibility - Ability to work under stress
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Technical skills and competences	Computer skills: Microsoft Office Suite and Latex.
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Artistic skills and competences	I am not a sports lover, but I like keeping fit going to the gym.
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Driving licences	Driving licence B – own vehicle
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Educational experiences

• Service Learning	Pilot project of volunteering in collaboration with Università Cattolica and Spedali Civili of Brescia (May 2018): this project of volunteering was addressed
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	to children of the middle and high school admitted for eating or psychological disorders in the neuropsychiatry unit and cancer in the oncology unit. These laboratories focused on mathematical topics like platonic solids and statistical main concepts. The purpose was to reveal the funny side of maths through interactive and practical activities.
• MEETmeTONIGHT	Theme days devoted to maths and physics during which university is open to the public and several thematic stands are set up. Some of the main activities proposed are related to zometool, soap film, non-newtonian fluids and tessellations.
• Mathematical Challenge	Cooperation in the organization of mathematical challenge addressed to children of the secondary school.
• Teaching	Support maths teacher in the secondary school Jesus El Maestro in Santiago del Estero (Argentina, August 2016 - September 2016)
• Teaching	Stage of 30 hours in the secondary school Liceo scientifico N. Copernico of Brescia consisting in teaching maths, physics and taking part to the lessons under the supervision of prof. Laura Olian Fannio (2016)

Other informations

• Association	Azione Cattolica Italiana - Collaboration with Diocesan Equipe of ACR (September 2016-now) - Activity of ACR educator with children of middle school ages (2010-now)
• Experience of volunteering	- Volunteering activities at the parish S. Giovanni Battista in Rezzato (BS) and participation as educator to summer camps (2013 – now) - Experience of volunteering at Comunità Jerusalem in Calcinato with disabled people (October 2015-June 2016, once a month) - Short experience at Caritas soup kitchen in Rome (August 2014)
• Awards	- Master's degree Scholarship 2018 (Asimpre) - High School Scholarship 2014 (Rotary Club di Brescia Nord) - High School Scholarship 2013 (Ministero dell'Istruzione, dell'Università e della Ricerca) - Bachelor Scholarship 2013 (Istituto Toniolo)
• Meetings	- XXXVI Seminario Nazionale AIRDM (held in Rimini, January 2019) - Congresso Nazionale Mathesis (held in Milano, November 2018) - Summer School of Mathematical Physics (INDAM, held in Ravello September 2017) - Maths from the body, international workshop (held at Università Cattolica of Brescia, May 2017)

Le dichiarazioni sono rese sotto la mia personale responsabilità e sono consapevole delle sanzioni previste dall'art. 76 del DPR 28 dicembre 2000 n. 445 per le ipotesi di falsità in atti e dichiarazioni mendaci, nonché delle conseguenze di cui all'art. 75, comma 1, del medesimo DPR. Dichiaro inoltre che ho preso visione dell'informativa di cui all'art. 13 del Dlgs 30 giugno 2003 n. 196.