

# EUROPASS CURRICULUM VITAE



## PERSONAL INFORMATION

Name/Surname

E-mail

## CURRENT POSITION

- Dates
- Occupation or position held
- Name and address of employer
- Type of business or sector

## WORK EXPERIENCE

- Dates
- Occupation or position held
- Name and address of employer
- Type of business or sector
- Dates
- Occupation or position held
- Main activities and responsibilities
- Name and address of employer
- Type of business or sector
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## REPLACEMENT DECLARATION OF CERTIFICATION (art.46 and 47 D.P.R. 445/2000)

The undersigned, aware that false declarations involve the application of the criminal sanctions provided for by art. 76 of the Presidential Decree 445/2000, declares that the information contained in the following curriculum vitae, drawn up in European format, corresponds to the truth:

**Benedetta Amicizia**

[bamicizia@gmail.com](mailto:bamicizia@gmail.com); [benedetta.amicizia@unibo.it](mailto:benedetta.amicizia@unibo.it); [benedetta.amicizia@uniurb.it](mailto:benedetta.amicizia@uniurb.it)

**March 2024 – present**

**Research fellow in Financial Instruments' valuation for climate and energy**

Department of Statistical Sciences "Paolo Fortunati" - University of Bologna  
Via Belle Arti, 41 - Bologna, Italy  
University

**September 2019 – March 2024**

**Teacher of Mathematics and Physics (A-27) and Mathematics (A-26)**

Istituto "Della Rovere" – Via Garibaldi, 63 - 61049 Urbania (PU), Italy  
Upper Secondary School - Technical Institute

**October 2018 – October 2021**

**Subject expert ("Cultore della materia") in General Mathematics (SECS-P/07)**

Educational activities, seminars, research and collaboration with the Department of Economics, Society and Politics of the University of Urbino - area of mathematical research (Interval Analysis: Theory and Applications)  
Department of Economics, Society and Politics - School of Economics - University of Urbino - Via Saffi, 2 - 61029 Urbino (PU), Italy  
University

**October 2011 – September 2019**

**Lecturer of the Supplementary course of the official teaching of General Mathematics (SECS-S / 06 - Mathematical methods of economy, finance and actuarial sciences)**

Teaching support activities: Pre-courses - Exercises for the written test  
Department of Economics, Society and Politics - School of Economics - University of Urbino - Via Saffi, 2 - 61029 Urbino (PU), Italy  
University

**September 2013 – August 2019**

**Teacher of Mathematics and Physics (A049)**

Member of the executive staff; Coordinator and Secretary of Class Teachers Council; Contact person for student orientation; Member of the State Exams Commission  
Liceo Scientifico e delle Scienze Umane "Laurana - Baldi" - Via Pacioli - 61029 Urbino (PU), Italy  
Upper Secondary School – Liceo Scientifico

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**October 2006 – June 2020**

**Collaborator / Lecturer**

Organizing seminars and planning activities focused on the realization of interdisciplinary conferences for high school students

Department of Economics, Society and Politics - University of Urbino - Via Saffi, 2 - 61029 Urbino (PU), Italy & Pristem Center - Bocconi University - Via Sarfatti, 25 - 20136 Milan, Italy University

- Dates
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**August 2012 – September 2014**

**Lecturer at "OLIFIS ER-Marche Summer School of Physics Excellence" for the editions:**

2014: Balze di Verghereto (FC), 01 - 06 September 2014 - Wave and Acoustics module

2013: Fognano (RA), 02 - 07 September 2013 - Module of Geometric Optics

2012: Fossombrone (PU), 27 August - 01 September 2012 - Wave Optics Module

Teaching activities, seminars - exercises for the national test of the physics Olympics

Department of Physics and Astronomy, University of Bologna - Viale Berti Pichat 6/2 – 40127 Bologna (BO), Italy

University

- Dates
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- Main activities and responsibilities
- Name and address of employer
- Type of business or sector

**September 2012 – August 2013**

**Teacher of Mathematics and Physics (A049)**

Coordinator and Secretary of Class Teachers Council; Member of the School Disability Working group (GLHI)

Liceo Artistico "Scuola del Libro" - Via Bramante, 20 - 61029 Urbino (PU), Italy

Upper Secondary School – Liceo Artistico

- Dates
- Occupation or position held
- Main activities and responsibilities
- Name and address of employer
- Type of business or sector

**September 2004 – August 2012**

**Teacher of Mathematics and Physics (A049)**

Member of the executive staff; Coordinator and Secretary of Class Teachers Council; Contact person for student orientation; Member of the State Exam commission; Head of the Physics Laboratory; Member of the Institute's Self-Assessment Commission (AUMI); Member of the Reform and Experimentation Monitoring Group

Istituto Omnicomprensivo "Montefeltro" - Via Giusti - 61028 Sassocorvaro (PU), Italy

Upper Secondary School - Liceo Scientifico

- Dates
- Occupation or position held
- Name and address of employer
- Type of business or sector

**June 2008 – July 2008**

**External member of the State Exam Commission for Mathematics and Physics (A049)**

Istituto Istruzione Superiore "Donati" – Via Don Bosco, 7 – 61034 Fossombrone (PU), Italy

Upper Secondary School - Liceo Scienze della Formazione

- Dates
- Occupation or position held
- Name and address of employer
- Type of business or sector

**September 2002 – June 2004**

**Teacher of Mathematical, Chemical, Physical and Natural Sciences (A059)**

Istituto Comprensivo "Bramante" - Via Carducci, 2 - 61033 Fermignano (PU), Italy

Middle Secondary School

- Dates
- Occupation or position held
- Name and address of employer
- Type of business or sector

**September 2002 – June 2004**

**Teacher of Applied Mathematics (A048)**

Istituto Istruzione Superiore "Della Rovere" – Via Garibaldi, 63 – 61049 Urbania (PU), Italy

Upper Secondary School – Istituto Tecnico Commerciale

- Dates
- Occupation or position held
- Main activities and responsibilities
- Name and address of employer
- Type of business or sector

**September 2003 – December 2003**

**Teacher of Mathematics and Physics (A049)**

Coordinator and Secretary of Class Teachers Council

Istituto Istruzione Superiore "Celli" – Via Giovanni Santi, 23 – 61043 Cagli (PU), Italy

Upper Secondary School – Istituto Statale d'Arte

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## EDUCATION AND TRAINING

- Dates
- Title of qualification awarded
- Main subjects / occupational skills

- Providing organisation

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- Dates
- Title of qualification awarded
- Main subjects / occupational skills covered

- Providing organisation

**November 2001 – June 2002**

**Teacher of Mathematical, Chemical, Physical and Natural Sciences (A059)**

Istituto Comprensivo “Mattei” - Via Kennedy, 21 - 61041 Acqualagna (PU), Italy  
Middle Secondary School

**September 1998 – June 1999**

**Teacher of Mathematics and Physics (A049)**

La Nuova Scuola - Via Napoli, 40 - 61121 Pesaro (PU), Italy  
Upper Secondary School - Liceo Classico “G. L. Storoni”

**September 1998 – June 1999**

**Teacher of Mathematical, Chemical, Physical and Natural Sciences (A059)**

La Nuova Scuola - Via Napoli, 40 - 61121 Pesaro (PU), Italy  
Middle Secondary School “Campanini”

**June 1998 – July 1998**

**External member of the State Exam Commission for Mathematics (A047)**

I.T.I.S. “Mattei” – Via Pacioli, 22 – 61029 Urbino (PU), Italy  
Upper Secondary School – Istituto Tecnico Industriale

**2023**

**PhD in Research Methods in Science and Technology**

ACADEMIC DISCIPLINES: MAT/02 (Algebra), MAT/05 (Mathematical analysis), SECS-S/06 (Mathematical methods of economy, finance and actuarial sciences)  
Dissertation title: “Recent and New Perspectives in Interval Analysis”  
University of Urbino, Italy - Department of Pure and Applied Sciences

**2014**

**Certificate of attendance - Italian Teacher Programme 2014 (AIF - INFN)**

Astrophysics / Magic experiment / TNG telescope / Micro-Macro project: the sky, how to observe and study it in its many aspects  
Roques de Los Muchachos Astronomical Site (La Palma - Canary Islands, Spain)

**2013**

**Certificate of Attendance C.L.I.L. - Content and Language Integrated Learning - L.L.P. (Lifelong Learning Programme Italia COMENIUS 2.2)**

Methodology and language for teachers who teach Science, Maths or Technical subjects “bilingually” in English at Secondary Level  
International Study Programmes - The Manor, Hazleton, Cheltenham, Gloucestershire, England

**2013**

**Certificate of attendance - Italian Teacher Program 2013 (AIF - INFN - CERN Education)**

Particle physics / Micro-Macro project: Particle accelerators and detectors for a better understanding of nuclear physics and their application developments  
CERN – Geneva, Switzerland

**2011**

**Certificate of attendance - Italian Teacher Program 2011 (AIF - CERN Education)**

Particle physics / European programs for teachers: The European CERN laboratory and elementary particle physics  
CERN – Geneva, Switzerland

- Dates
- Title of qualification awarded
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- Main subjects / occupational skills
  - Providing organisation

**2011**

**Relational Counselor Diploma (Graphodynamic Orientation)**

Counseling; graphology

S.S.I.Co.L.G. (Italian Scientific Society of Graphic Language Consultants) - Three-year School of Counseling - Urbania (PU), Italy

**2009**

**ESOL Certificate – Level B2 (Vantage)**

English language

British Institutes – Milan Centre, Italy

**2009**

**First-level Master’s degree in “Education Technologies” (60 credits)**

Computer science applied to teaching, Disciplines for teaching

Guglielmo Marconi University – Rome, Italy

**2008**

**First-level Master’s degree in “Theory and methodology of evaluation in schools” (60 credits)**

Docimology, Disciplines for teaching

Guglielmo Marconi University – Rome, Italy

**2007**

**Annual Post-graduate Specialization Course in "Methodological teaching models"**

General teaching: planning, metacognitive learning, individualized learning

University of Urbino, Italy - Department of Humanities

**2006**

**Annual Post-graduate Specialization Course in "Operational foundations of teaching"**

General teaching: individualized teaching, planning teaching, metacognitive teaching

University of Urbino, Italy - Department of Humanities

**2005**

**Annual Post-graduate Specialization Course in "General Didactics"**

General teaching: metacognition, individualization, didactics of planning

University of Urbino, Italy - Department of Humanities

**2002**

**Specialization Degree for Teaching in Secondary School - qualification class: Mathematics and Physics (120 credits)**

Mathematics, Physics, Computer Science, Psycho-pedagogical disciplines

University of Bologna, Italy - School of Specialization for Secondary Teaching

**2000**

**Teaching qualification degree for: Mathematical, Chemical, Physical and Natural Sciences in Middle Secondary School**

Mathematics, Physics, Chemistry, Natural Sciences

MIUR - Regional school office for Le Marche – Ancona, Italy

**1998**

**Degree in Mathematics - Italian master-level degree**

Mathematics, Physics, Computer Science

Dissertation title: “Il Gruppo di Brauer di un Campo” - MAT/02 (Algebra)

University of Bologna, Italy - Department of Mathematics

## ADDITIONAL INFORMATION

### ADDITIONAL RELEVANT TRAINING COURSES

- ✓ Training Course in Modern Physics: "2016 Physics Meetings" at the National Laboratories of Frascati of the National Institute of Nuclear Physics, Frascati (RM), Italy – October 5-7, 2016
- ✓ Training Course: "The Science of Space" at the ESA-ESRIN offices in Frascati and ASI in Tor Vergata - Rome, Italy – September 15-16, 2016
- ✓ Summer School of Astronomy: "The living Cosmos: the search for life in the Universe", organized by the Italian Astronomical Society in collaboration with the M.I.U.R. at the Villa del Bali Foundation, Saltara (PU), Italy – July 16-18, 2013
- ✓ Summer School of Astronomy: "From Astronomy to Astrophysics", organized by the Italian Astronomical Society in collaboration with the M.I.U.R. at the Villa del Bali Foundation, Saltara (PU), Italy – July 17-19, 2012

### ADDITIONAL EXPERIENCES

- ✓ Member of selection commission for the "Summer School of Physics" Olifis: ER-Marche 2012 - Association for the Teaching of Physics (AIF) Bologna and G. Occhialini Foundation

## PERSONAL SKILLS

MOTHER TONGUE

ITALIAN

Foreign language(s)

English

Self-assessment

European level (\*)

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

(\*) [Common European Framework of Reference for Languages](#)

### COMMUNICATION SKILLS

EXCELLENT EMPATHIC AND RELATIONAL SKILLS ACQUIRED THROUGH THE VARIOUS PROFESSIONAL EXPERIENCED AND TRAINING LISTED ABOVE .

### ORGANISATIONAL / MANAGERIAL SKILLS

STRONG ORGANIZATIONAL AND MANAGERIAL SKILLS ACQUIRED THROUGH THE DIFFERENT PROFESSIONAL EXPERIENCED AND TRAINING LISTED ABOVE.

### JOB-RELATED SKILLS

FINE TECHNICAL COMPETENCES ACQUIRED THROUGH THE DIFFERENT PROFESSIONAL EXPERIENCED AND TRAINING LISTED ABOVE.

### DRIVING LICENCE

Type B

## PUBLICATIONS

- B. Amicizia, M.L. Guerra, M. Shahidi, L. Sorini, L. Stefanini, "Midpoint representation of fuzzy valued functions and applications" - **2020 IEEE International Conference on Fuzzy Systems** (FUZZ-IEEE), 2020, pp. 1 – 8, IEEE Service Center, Piscataway, NJ 08855-1331
- L. Stefanini, L.Sorini, B. Amicizia, "Interval analysis and calculus for interval-valued functions of a single variable. Part II: External points, convexity, periodicity" - **Axioms**, 2019, 8, 114, doi:10.3390/axioms8040114
- L. Stefanini, M.L. Guerra, B. Amicizia, "Interval analysis and calculus for interval-valued functions of a single variable. Part I: Partial orders, gH-derivative, monotonicity" - **Axioms**, 2019, 8, 113, doi:10.3390/axioms8040113
- B. Amicizia *et al.* "Il cielo, come osservarlo e studiarlo nei suoi molteplici aspetti" (progetto Micro-Macro 2014-2015) – *Luce sulla fisica. Atti del LIV Congresso Nazionale AIF*, Trento, 2015 - **La Fisica nella Scuola** (Bollettino trimestrale dell'Associazione per l'Insegnamento della Fisica) – supplemento al n°2 Anno XLIX, aprile/giugno 2016, pp. 113-128. ISSN: 1120-6527
- B. Amicizia *et al.* "Acceleratori di particelle e rilevatori per una migliore comprensione della fisica subnucleare, e i loro sviluppi applicativi" (progetto Micro-Macro 2013-2014) – *Fisica, strumenti per pensare. Atti del LIII Congresso Nazionale AIF*, Perugia, 2014 – **La Fisica nella Scuola** (Bollettino trimestrale dell'Associazione per l'Insegnamento della Fisica) – supplemento al n°3 Anno XLVIII, luglio/settembre 2015, pp. 27-38. ISSN: 1120-6527
- B. Amicizia, "Un modello dinamico per descrivere l'andamento dei prezzi" - **Nuova Secondaria** (Editrice La Scuola, Brescia) - n°6 Anno XXVI, 15 Marzo 2009, pp. 36-41. ISSN: 1828-4582
- B. Amicizia, "Introduzione elementare alle Algebre non commutative e cenni al gruppo di Brauer" - **Innovazione Scuola** (Editore IRRSAE Marche, Ancona) - n°1 gennaio/febbraio 1999, pp. 20. ISSN: 1126-9944