

FORMAL EDUCATION

DOCTOR OF PHILOSOPHY (Ph.D. – Isced 8)	ASTROPHYSICS AND COMPUTING University of Teramo, Teramo (Italy) University Astronomical Observatory – Collurania (Italy)	JUN. 2003 – JUL. 2006
2nd LEVEL MASTER DEGREE (M.Eng. – Isced 8) Postgraduate Specialization School - Biennial Course	SAFETY ENGINEERING: INDUSTRIAL SAFETY, HAZARD AND RISK MANAGEMENT La Sapienza University, Rome (Italy) Faculty of Civil and Industrial Engineering	JAN. 1999 – JAN. 2001
2nd LEVEL MASTER DEGREE (M.Phil. - Isced 8) Postgraduate Specialization School - Biennial Course	EDUCATION: MULTICULTURAL AND INCLUSIVE EDUCATION University of Central Europe(Slovakia) University “A. Maccagno” in Cuneo-Pinerolo (Italy)	JAN. 2014 – MAR. 2016
1st LEVEL MASTER DEGREE (Postgraduate Master - Isced 7)	MATHEMATICS: PROBABILITY AND STATISTICS Tor Vergata University, Rome (Italy) Faculty of Mathematics and Physics	NOV. 1998 – NOV. 1999
2nd LEVEL UNIVERSITY DEGREE (M.Sc. - Isced 7)	COMMUNICATION SCIENCE: MANAGEMENT AND BUSINESS COMMUNICATION University of Teramo, Teramo (Italy) Faculty of Communication Science	NOV. 2009 – JUL. 2011
2nd LEVEL UNIVERSITY DEGREE (M.Sc. - Isced 7)	SAFETY ENGINEERING: INDUSTRIAL ACTIVITIES AT RELEVANT RISK OF ACCIDENT La Sapienza University, Rome (Italy) Faculty of Civil and Industrial Engineering	NOV. 2011 – OCT. 2014
2nd LEVEL UNIVERSITY DEGREE (M.Sc. - Isced 7)	PHYSICS: SOLID STATE – CONDENSED MATTER University of Camerino, Camerino (Italy) Faculty of Mathematics and Physics	OCT. 1992 – OCT. 1998

EMPLOYMENT

*MAECI = Italian Ministry of Foreign Affairs and International Cooperation.
MIUR = Italian Ministry of Education, Research and University.
UNESCO = United Nations, Educational, Scientific and Cultural Organization.
EU JRC = European Commission, Joint Research Centre*

FUNCTIONAL TITLE	PROFESSOR – MATHEMATICS, PHYSICS, ICT	JUL. 2017 – PRESENT
EMPLOYER	MIUR	
DUTY STATION	SCIENTIFIC LYCEUM "SAFFO" HIGH-SCHOOL – ROSETO (ITALY)	
RESPONSIBILITIES	<ul style="list-style-type: none"> • ICT adviser • Cambridge IGCSE Mathematics Teacher • Teacher: Mathematics, Physics and ICT, 9th-12th grade. 	
FUNCTIONAL TITLE	M.ENG - SAFETY IN OIL AND GAS INDUSTRY	FEB. 2017 – JUN. 2017
EMPLOYER	– <i>TRAINEE</i> – EUROPEAN COMMISSION	
DUTY STATION	DIRECTORATE FOR ENERGY, TRANSPORT AND CLIMATE – UNIT C.3	
RESPONSIBILITIES	EU JRC - ISPRA (ITALY) <ul style="list-style-type: none"> • inter-institute analysis of offshore accidents in harsh environments in the Oil and Gas Industry, with particular focus on the Arctic region. • organization of the training on External Emergency Response Planning, during the “JRC 1st Workshop under the Virtual Centre of Offshore Safety Expertise External Emergency Response Planning”, Ravenna, Italy, on 5th -7th April, 2017 	
FUNCTIONAL TITLE	PROFESSOR – MATHEMATICS, PHYSICS, ICT	SEP. 2016 – JAN. 2017
EMPLOYER	MIUR	
DUTY STATION	SCIENTIFIC LYCEUM "SAFFO" HIGH-SCHOOL – ROSETO (ITALY)	
RESPONSIBILITIES	Professor: Mathematics, Physics and ICT, 9th-12th grade.	

FUNCTIONAL TITLE	PROFESSOR – MATHEMATICS, PHYSICS, ICT	DEC. 2012 – AUG. 2016
EMPLOYER	MAECI – MIUR	
DUTY STATION	UNESCO - ITALIAN LYCEUM "IMI" HIGH-SCHOOL, ISTANBUL, TURKEY (ITALIAN GENERAL CONSULATE IN ISTANBUL)	
RESPONSIBILITIES	<ul style="list-style-type: none"> • Member of the Board of Administrators of the School. • ICT consultant, ICT Laboratory manager, intranet Administrator. • Teacher: Mathematics, Physics and ICT, 9th-12th grade. 	
FUNCTIONAL TITLE	PROFESSOR – MATHEMATICS, PHYSICS, ICT	DEC. 2007 – DEC. 2012
EMPLOYER	MAECI – MIUR	
DUTY STATION	UNESCO - ITALIAN LYCEUM "G. MARCONI" HIGH-SCHOOL, ASMARA, ERITREA (ITALIAN EMBASSY IN ERITREA)	
RESPONSIBILITIES	<ul style="list-style-type: none"> • ICT Consultant – ICT Laboratory Manager – intranet Administrator. • Projects Planner and Manager: Inclusive Education, Curriculum Development. • Teacher: Mathematics, Physics and ICT, 9th-12th grade. 	
FUNCTIONAL TITLE	CONTRACT UNIVERSITY PROFESSOR (ING/INF05)	JAN. 2002 - DEC. 2007
EMPLOYER	MIUR	
DUTY STATION	UNIVERSITY OF TERAMO - TERAMO (ITALY) (FACULTY OF POLITICAL SCIENCES)	
RESPONSIBILITIES	<ul style="list-style-type: none"> • Annual Contract Professor – ICT (ING/INF05). • Advisor professor (students' final dissertation/thesis). • ICT adviser for the Dean of the Faculty. • Administrator and developer of the Faculty internal database of Cultural Tourism resources in Abruzzo (Italy). • Representative for the University-Faculty at BIT.forJOB - World Tourism Expositions in Milan, Italy. 	
FUNCTIONAL TITLE	PROFESSOR – MATHEMATICS, PHYSICS, ICT	DEC. 2000 – DEC. 2007
EMPLOYER	MIUR	
DUTY STATION	SCIENTIFIC LYCEUM "SAFFO" HIGH-SCHOOL – ROSETO (ITALY)	
RESPONSIBILITIES	<ul style="list-style-type: none"> • ICT Consultant – ICT Labs Manager – Extra/Intranet Administrator. • MIUR manager and trainer in ICT professional development courses. • MIUR regional ICT referent: Schools-Extranet, project development. • tutor in Inclusive-Education projects. • tutor in CLIL projects. • Teacher: Mathematics, Physics and ICT, 9th-12th grade. 	
FUNCTIONAL TITLE	ICT ANALYST	OCT. 2000 – DEC. 2000
EMPLOYER	IBM, INTERNATION BUSINESS MACHINES	
DUTY STATION	IBM CAMPUS – NOVEDRATE, MILAN (ITALY)	
RESPONSIBILITIES	AIX systems, DB2.	

PROFESSIONAL TRAINING

NOV. 2012 – JUL. 2013	INTERACTIVE BOARDS: DIDACTIC METHODS ForCom - University Consortium, Rome (Italy) <i>Subject: Teaching methodologies enhancement, e-book creation, e-learning, BYOD.</i>
NOV. 2010 – APR. 2011	HANDICAP AND DISABILITY: DIDACTIC METHODS ForCom - University Consortium, Rome (Italy) <i>Subject: Teaching methodologies enhancement for students suffering handicaps and disabilities.</i>
NOV. 2009 – JUL. 2010	EPISTEMOLOGY, TEACHING METHODOLOGY AND COMMUNICATION University of Teramo, Teramo (Italy) - Faculty of Communication Science <i>Subject: Critical analysis of teaching methodologies and practices in the international community. Inclusive Education. Curriculum development. Focus on mathematics, Physics, and ICT.</i>
JAN. 2004 – JUN. 2004	ICT - NETWORKING MIUR - Italian Ministry of Education, Research and University <i>Subject: Certification equivalent to Cisco CCNA – switching and routing.</i>

LANGUAGE SKILLS

ITALIAN		mother tongue
ENGLISH	(IELTS, Academic level – October 2011)	C1 level *
	(European Commission - British Institutes – June 2017)	C2 Level*
FRENCH	(DELF – December 2010)	B2 level *
SPANISH	(DELE – May 2018)	B2 level *

* Level, according to the Common European Framework of Reference for Languages
<http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

ICT SKILLS

ENVIRONMENTS	Windows Active Directory and Mac OSX client/server. VMware vSphere server virtualization.
NETWORKING	CCNA equivalent skills - switching, routing. NAT/PAT, policy-based traffic shaping, load balancing. Radius Authentication + Dynamic Vlan. Enterprise WIFI Management Systems (Xirrus WIFI network)
RELATIONAL DATABASE	Boyce-Codd Normalization, SQL.
WEB PUBLISHING	HTLM, CSS, Javascript.
WEB SERVER	LAMP stack (Linux, Apache, MySQL, PHP).
PROGRAMMING	Pascal, Objective C, Javascript. Unix bash scripting.
OFFICE APPLICATIONS	MS Office (Word, excel and Access) + macro.
STATISTICS	IBM SPSS (basic).

PUBLICATIONS

- Necci, A., Tarantola, S., Vamanu, B., Krausmann E., Ponte, L. (2019). *Lessons Learned From Offshore Oil and Gas Incidents in the Arctic and Other Ice-Prone Seas*. Ocean Engineering vol. 185 p. 12-26, Pergamon-Elsevier Science Ltd, JRC Publication n. JRC114375.
- Necci, A., Ponte, L., Krausmann, E., Tarantola, S., Vamanu, B. (2017). *Lessons Learned from an Analysis of Offshore Accidents in the Nordic Seas*. Centre for Risk, Integrity and Safety Engineering (C-RISE), Canada-Newfoundland and Labrador Offshore Petroleum Board, p paper 094. 3rd Workshop and Symposium on Safety and Integrity Management of Operations in Harsh Environments, held in St. John's, NL, Canada, October 18-20, 2017. JRC Publication n. JRC106740.
- Contini, S., Ponte, L., Tarantola, S. (2017). *Proceedings of the workshop on External Emergency Response Planning: First workshop organised under the Virtual Centre of Offshore Safety Expertise*. Publications Office of the European Union. ISBN: 978-92-79-70481-9 (print), 978-92-79-70480-2 (online).

Giulianova, 1st October 2019