Prof. HENRY MUCCINI, *Ph.D.*
Curriculum Vitae

Department of Information Engineering, Computer Science, and Mathematics

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My professional career in a nutshell

Since I started my research career (after graduating in Computer Science cum laude in 1997), I have been investing in research (see my publications and projects), internationalization activities (starting and directing two double-degree curricula in Computer Science), people (see my collaborations and collaborators), events organization (see my chairing activities), and, more recently, linking the research and industrial world (through the spin-off company I co-founded based on the Uffizi Gallery project results, and previous research and development projects).

In Brief

Henry Muccini received is PhD degree in Computer Science from the University of Rome – La Sapienza – in 2002. He is Full Professor at the University of L'Aquila since 2020. He has been Associate Professor at the University of L'Aquila since 2014 and has been Assistant Professor in the same university since 2002. He has been visiting professor at Information & Computer Science, University of California, Irvine in 2002 and 2006.

My research interests are in the Computer Science area, Software Engineering field. In particular, my main research interests are on software architecture descriptions and analysis, architecture-based analysis, model driven engineering, and engineering mobile applications.

I am currently the General co-Chair of ICSA 2023, the 20th International Conference on Software Architecture (https://icsa-conferences.org/2023/) and the PC co-chair of the Software Engineering in Practice (SEIP) Track at ICSE 2023 (https://conf.researchr.org/track/icse-2023/icse-2023-SEIP). I have been General Chair of ECSA 2020, the 14th European Conference on Software Architecture, 14-18 September 2020, L'Aquila, Italy (https://ecsa2020.disim.univaq.it/), General Chair of I-CiTies 2018, the 4th Italian Conference on ICT for Smart Cities & Communities (http://icities2018.disim.univaq.it/), and the General Chair of MOBILESoft 2017, the 4th IEEE/ACM International Conference on Mobile Software Engineering and Systems (https://mobilesoftconf.org/2017/). I have been Chairing the Program Committee of the SERENE 2018 international workshop on Software Engineering for Resilient Systems, chaired the PC of I-CiTies in 2017 (http://sisinflab.poliba.it/icities2017/). Co-chaired the Program Committee of *WICSA 2016*, the 13th Working IEEE/IFIP Conference on Software Architecture (http://www.wicsa.deib.polimi.it/). I have been also co-chairing the Program Committee of *DeMobile 2015*, the 3rd Int. Workshop on Software Development Lifecycle for Mobile (co-located with ESEC/FSE 2015), of *AST 2013*, the Automation of Software Test workshop (co-located with ICSE 2013), *QSIC 2012*, the 12th Int. Conference on Quality Software, and the *EUROMICRO SEAA 2012*, the 38th Euromicro Conference on Software Engineering and Advanced Applications.

I am currently a steering committee member of MOBILESoft (IEEE/ACM Int. Conference on Mobile Software Engineering and Systems), steering committee member of CAIN (Int. Conference on AI Engineering), steering committee co-chair of ICSA (IEEE Int. Conference on Software Architecture), steering committee member of ECSA (European Conference on Software Architecture), chair of the steering committee of SERENE (International Workshop on Software Engineering for Resilient Systems - (serene.disim.univaq.it). I have been steering committee of the COMMitMDE (Int. Workshop on Collaborative Modelling in MDE @MODELS) and of DdrEE (Int. Workshop on Data-Driven Decisions, Experimentation and Evolution @ ICSE).

I have published over 150 international conference, workshop and journal articles on these topics (according to DBLP), and co-edited two books (*Software Engineering of Fault Tolerant Systems*, World Scientific Publishing, June 2007 and Architecting Dependable Systems V, Lecture Notes in Computer Science 5135, August 2008). I have been the co-guest editor of a number of special issues (among them, two special issues from the Science of Computer Programming by Elsevier in 2014, a special issue on Software Architecture for Code Testing and Analysis on the Springer Computing journal, and a special issue on Software Test Automation, Practice, and Standardization on the IJSEKE journal (2011)).

Henry is the theme issue Associate Editor in Chief of IEEE Software, and an Editorial Board member of the "Smart Cities" (MDPI), and Editorial Board member of the IoT Journal https://www.mdpi.com/journal/IoT/editors.

Henry is currently directing two laboratories: the University of L'Aquila node of the CINI Smart Cities & Communities laboratory (https://www.consorzio-cini.it/index.php/en/national-laboratories/laboratorio-smart-cities) and the University of L'Aquila Internet of Things Living Lab.

Henry is the head of the Computer Science study programmes at the University of L'Aquila, and the coordinator of the Master in Mobile and Web Technologies. I am the person in charge for two international double degree master degree in Computer Science: the GSEEM, Global Software Engineering European Master program, running since 2006, and the I2COST, Indo-Italian Master Degree in Computer Science and Technology (http://www.disim.univaq.it/teaching/master-i2cost) running since 2015.
I am also the co-founder and CEO of the nExpecto Srl spin-off company from the University of L'Aquila (built upon the success and visibility reached with the Uffizi Gallery project).

I am (or, have been) the responsabile of a number of events: the ICSA 2020 Tutorials, the I-CiTies 2019 Panel on "Turismo 4.0: turismo culturale tra Sostenibilità e Innovazione", the 2019 IEEE Software Award Committee, the ICSA 2017 New Ideas track, the EDCC 2017 Workshops co-chair, the SERENE 2014 Autumn Scool on the Engineering of Resilient Cyber Physical Systems (2014), the 9th TAROT Summer School on Software Testing (2013), the AST 2011 charette session on Architecture support for Testing: automation of software test (2011), the Dagstuhl Seminar 10111 on "Practical Software Testing: Tool Automation and Human Factors (2010).

More detailed information may be found below or at http://www.HenryMuccini.com

Personal Data and Contact Information

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Professional Preparation

2002	Post-Doctoral Scholar in Computer Science at the University of California – Irvine (US)
2002	PhD. In Computer Science at the University of Rome "La Sapienza" (Italy)
1997	Master Degree in Computer Science from the University of L'Aquila (Italy), with final grade 110/110 cum laude

Appointments

2018-today	Head of the Computer Science study programmes at the University of L'Aquila
2019-today	Coordinator of the 2019 edition of the Master in Mobile and Web Technologies.
2014-today2002-2014	Associate Professor in Computer Science, Department of Information Engineering, Computer Science, and Mathematics, University of L'Aquila, Italy
	Assistant Professor in Computer Science, Department of Information Engineering, Computer Science, and Mathematics, University of L'Aquila, Italy
2012-today	Member of the DEWS, Excellence center on "Design methodologies of Embedded controllers, Wireless interconnect and Systems-on-chip" (http://dews.univaq.it/)
2015-today	Adjunct Faculty member at the Amrita University, India.
2003-2005	Consultant at Terma GmbH
2001-2003	Consultant at Siemens C.N.X.
1997-2002	Ph.D. student at the University of Rome, La Sapienza
1997-1999	Software Engineer at "Parco Scientifico e Tecnologico d'Abruzzo"

Chairing activities (General and PC chairing)

2020	General chair of ECSA 2020, the 14th European Conference on Software Architecture, 14-18 September 2020, L'Aquila, Italy (https://ecsa2020.disim.univaq.it/).
2018	General chair of i-Cities 2018, the 4th Italian Conference on ICT for Smart Cities & Comunities, L'Aquila, Italy.
2018	PC chair of SERENE 2018, 10th International Workshop on Software Engineering for Resilient Systems, @EDCC2018.
2017	PC chair of i-Cities 2017, the 3rd Italian Conference on ICT for Smart Cities & Communities, Bari, Italy.
2017	General chair of MOBILESoft 2017, the 4th IEEE/ACM International Conference on Mobile Software Engineering and Systems.
2016	PC co-chair of WICSA 2016, the 13th Working IEEE/IFIP Conference on Software Architecture.
2015	PC co-chair of DeMobile 2015, the 3rd Int. Workshop on Software Development Lifecycle for Mobile (co-located with ESEC/FSE 2015, http://sysrun.haifa.il.ibm.com/hrl/demobile2015/).
2013	PC co-chair of AST 2013, the 8th Int. Workshop on Automation of Software Test (co-located with ICSE 2013, http://software.nju.edu.cn/zychen/ast/).
2012	PC co-chair of QSIC 2012, the 12th Int. Conference on Quality Software (http://www.di.univaq.it/qsic2012/) (proceedings published by the IEEE Computer Society Press).
2012	PC co-chair of Euromicro SEAA 2012, the 38th Euromicro Int. Conference on Software Engineering and Advanced Applications (http://www.seaa2012.ii.metu.edu.tr) (proceedings published by the IEEE Computer Society Press)

PC Member

I have been serving in the PC of prestigious international events on Software Enginneering, and more specifically on Software Architecture, Software Testing and verification and validation, and Software Engineering for Mobile Applications. The table below reports only conferences, while discarding workshops.

Conference Acronym	most recent	all years	Conference Name
ICSE	2020 (SEIS)	2020 (SEIS), 2019, 2019 (SEIS), 2018 (Pub), 2018 (SEET), 2017 (SEET), 2017, 2016, 2016 (SEIS), 2014, 2014 (DS), 2011 (SEIP), 2008 (Demo)	Int. Conf. on Software Engineering
(ESEC/)FSE	2019	2019, 2016, 2015 (DS),	(European Software Engineering Conference and) the

		2012 (NIER), 2011, 2011 (Wks co-chair), 2010	ACM SIGSOFT Symposium on the Foundations of Software Engineering
ICSA (formerly, WICSA)	2020	2020, 2020 (tutorial chair), 2019, 2018, 2017, 2017 (NeMi co-chair), 2016 (PC co-chair), 2015, 2014, 2012, 2011	IEEE Int. Conf. on Software Architecture
MOBILESoft	2020	2020, 2019, 2018, 2017 (General chair) 2016, 2016 (DS chair), 2015, 2014	IEEE/ACM Int. Conf. on Mobile Software Engineering and Systems
ECSA	2020	2020 GC, 2019, 2018, 2017, 2016, 2015, 2014 (TD), 2013, 2013 (DS), 2011, 2010	European Conference on Software Architecture
ACM/SAC	2018	2018, 2017, 2016, 2015, 2014, 2013, 2011-2008	ACM Symposium on Applied Computing
SBES	2018	2018, 2017, 2016	Brazilian Symposium on Software Engineering
MODELS	2016	2016, 2016 (EduSymp chair), 2015, 2014, 2008 (DS+Wks), 2007 (Wks),	Int. Conf. on Model Driven Engineering Languages and Systems
ASE	2015	2015, 2014, 2010 (TD), 2009, 2008, 2008 (TD), 2007	IEEE/ACM Int. Conf. on Automated Software Engineering
CBSE	2014	2014, 2013, 2010-2007	Int. SIGSOFT Symposium on Component-Based Software Engineering
ICST	2014	2014, 2013, 2012, 2010-2008	IEEE Int. Conf. on Software Testing, Verification and Validation
FASE	2015	2015, 2007	Int. Conf. on Fundamental Approaches to Software Engineering
ICSOFT	2016 (keynote)	2016, 2014, 2010, 2009, 2008	Int. Conf. on Software Paradigm Trends
QRS (formerly, QSIC)	2018	2018, 2017, 2015, 2014, 2013, 2012 (PC chair), 2011	Int. Conf. on Quality Software -> IEEE International Conference on Software Quality, Reliability and Security
ICSEA	2015	2015, 2014, 2012-2009, 2007	Int. Conf. on Software Engineering Advances
SEAA	2018	2018, 2015, 2014, 2012 (PC chair), 2009-2007	EUROMICRO Conf. on Software Engineering and Advanced Applications

I have been also acting as a reviewer for the following journals: IEEE Transactions on Software Engineering (TSE), ACM Transactions on Software Engineering and Methodologies (TOSEM), Empirical Software Engineering Journal (EMSE), Software and System Modeling journal (SOSYM), Journal of Systems and Software (JSS), IEEE Software, Journal of Software Maintainance and Evolution (JSME), Automated Software Engineering Journal (AUSE), Information and Software Technology (IST), Science of Computer Programming (SCICO), Computing Journal by Springer.

I am the Theme Issues Associate Editor in Chief for IEEE Software, member of the editorial board of the "Smart Cities" journal by MDPI , and member of the "Advances in Software Engineering" journal by Hindawi.

In 2018 I received a certificate of appreciation for my contribution as guest editor and reviewer for IEEE Software and a certificate of appreciation from the ICSE conference. In 2017 I received a certificate of appreciation from the Journal of Software and System Modeling – Springer and from the MOBILESoft conference. In 2016 I received a certificate of oustdanding contribution in reviewing by the Journal of Systems and Software and a certificate of appreciation from the FSE 2016 conference. In 2015 I received a certificate as outstanding contribution in reviewing by the Information

and Software Technology and from the Journal of Systems and Software. In 2013 I received the "Distinguished Referee" award from the ACM Transactions on Software Engineering and Methodology. In 2012 I received the "Distinguished Referee" award from the IEEE Transactions on Software Engineering (TSE).

I have been a member of the "Attività di supporto alla Regione Toscana nel perfezionamento della strategia regionale di Smart Specialisation per il periodo di programmazione 2021-2027" (Regione Toscana per la programmazione FESR 2021-2027) in 2021

Chairing of Workshops\Events\Special Issues

2020	ICSA 2020 Tutorial chair
2019	I-CiTies 2019 Panel chair "Turismo 4.0: turismo culturale tra Sostenibilità e Innovazione"
2019	Chair of the 2019_IEEE Software Award Committee
2018	Chair of the IEEE Software Editor in Chief selection committee
2018	Co-guest editor of the IEEE Software theme issue on Collaborative Modeling in Software Engineering
2018	Co-organiser of the MODELS 2018 workshop on Collaborative Modeling in MDE
2017	Co-organiser of the MODELS 2017 workshop on Collaborative Modeling in MDE
2016	Co-organiser of the MODELS 2016 workshop on Collaborative Modeling in MDE
2015	Co-organiser DeMobile 2015, 3rd International Workshop on Software Development Lifecycle for Mobile
2015	Co-chair of the STAF 2015 Doctoral Symposium Track
2014	Co-guest editor of the Special Issue on Science of Computer Programming associated to the QSIC 2012 conference
2014	Co-guest editor of the Special Issue on Science of Computer Programming on "Modeling and analysis of compositional software" associate to the EUROMICRO/SEAA 2012 conference
2014	Director of the SERENE 2014 Autumn School on Engineering Resilient Cyber Physical Systems
	Co-organiser of the EEEWSN2014 workshop Engineering Energy Efficient Wireless Sensor Networks
2014	Publicity chair of WICSA 2014, ECSA 2014, and ASE 2014
	Director of the 9th edition of the TAROT Summer School on Software Testing
2013	MOBS 2013: Co-organizer of the International Workshop on the Engineering of Mobile-Enabled Systems
2013	Co-guest editor of the Special Issue on "Software Architecture for Code Testing and Analysis", Computing journal
2011	Workshops co-chair of ESEC/FSE 2011, the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering
2012	Host organizer of the IFIP 2.10 working group on Software Architecture
2011	Co-organizer of the workshop on "Architecture-Based Testing and System Validation Workshop" @ WICSA 2011
2011	Publicity chair of WICSA 2011, the 9th Working IEEE/IFIP Conference on Software Architecture
2010	Co-organizer of three workshops on "Architecture Support for Testing": Pittsburgh, Pisa, Siviglia.
2010	Co-organizer of the Dagstuhl seminar 10111 on "Practical Software Testing : Tool Automation and Human Factors"
2010	Co-guest editor of the "Software Test Automation, Practice, and Standardization" Special Issue, IJSEKE Journal
2010	Co-organizer of the Int. Workshop on Software Test Automation, Practice, and Standardization, co-located with SEKE'2010
2010	Director of the SERENE 2010 Spring School on Resilience and Self-* Systems
2008	Guest-editor of a special issue on the International Journal of Computer Systems Science and Engineering
2008	SERENE08: Co-founder and co-organizer of the Software Engineering for Resilient Systems Workshop, Newcastle, 2008
2008	ICST08_ST: Co-chair of the ICST Student Paper Track, the IEEE 1st Int. Conference on Software Testing, Verification and Validation
2006-2007	EFTS06 and EFTS07: Co-organizer of the 2nd Int. Workshop on "Engineering of Fault Tolerant Systems" EFTS 2007. 04 September 2007, Dubrovnik, Croatia, co-located with ESEC/FSE 2007.
	Co-organizer of the 1° International Workshop on the "Engineering of Fault Tolerant Systems" - EFTS 2006 – 12 and 13 June 2006, Luxembourg

2006-2007	ROSATEA 2006 and 2007: Co-organizer of the 3rd International Workshop on "the Role of Software Architecture for Testing and Analysis" - ROSATEA 2007 – 10-11 July 2007, co-located with CBSE and QoSA 2007.
	Co-organizer of the 2° International Workshop on "the Role of Software Architecture for Testing and Analysis" - ROSATEA 2006 - July 17, 2006, co-located with ISSTA 2006.
2007	WISE07: Co-organizer of the WISE track on "Widened Software Engineering", part of the ESEC/FSE 2007, September 2007, Dubrovnik, Croazia.
2007	COMPARCH07: Co-organizer of the 1st "Federated Events on Component-Based Software Engineering and Software Architecture" – CompArch., 09-13 July, 2007, Boston, USA.
2007	AEROSE07: Co-organizer of the "1st Int. Workshop on Aerospace Software Engineering" - AeroSE 07, 21-22 May 2007 Minneapolis, USA. Co-located with ICSE 2007.

Invited Talks and Seminars

2021	***keynote*** at PROFES 2021, the International Conference on Product-Focused Software Process Improvement (https://softeng.polito.it/profes2021/)
2021	***keynote*** at CECIIS 2021, the 32nd International Scientific Conference on Information and Intelligent Systems (https://ceciis.foi.hr/2021/)
2020	***keynote*** at SST 2020, the International Conference on Smart Systems and Technologies (https://sst-conference.org/)
2020	invited speaker at the Gran Sasso Science Institute (GSSI) summer school on "Smart City Looks like…" 2020
2019	"Sustainable Tourism - IoT for crowd management", invited seminar at the Gran Sasso Science Institute (GSSI) summer school on "Smart City Looks like…" 2019 (https://cs.gssi.it/summerschool/)
2019	*"The influence of Group Decision Making on Architecture Design Decisions"*, ***keynote*** at the MARCH 2019 3rd International Workshop on decision Making in Software ARCHitecture @ICSA 2019.
2019	*"Software Engineering at the age of the Internet of Things",* invited seminar at the Faculty of Organization Engineering, University of Zagreb
2019	*"The Uffizi project under the ISO 25000 lens",* invited talk at the ISO25000 rounded table, Rome
2018	*"Data-Driven Context-Aware Architecting: an experience in the Cyber-Physical Space",* ***keynote*** at the CASA 2018 workshop on Context-aware, Autonomous and Smart Architecture @ECSA 2018.
2018	*"Big data per il turismo: l'esperienza con le Gallerie degli Uffizi e la città dell'Aquila",* invited talk at the Abruzzo Turismo Digitale event in Pescara
2018	*"Big data e beni culturali - l'esperienza UnivAq presso la Galleria degli Uffizi"*, invited talk at the GIS Day, University of Teramo.
2017	"*Multi-view management of stakeholders' concerns: from architectures back to requirements"*, **invited talk** at the RESG – Requirements Engineering Specialist Group, meeting, UK.
2017	*"Collaborative aspects of Decision Making and its impact on Sustainability", **keynote*** at the SAGRA 2017, 3rd Workshop on Sustainable Architecture: Global Collaboration, Requirements, Analysis @ECSA 2017.
2016	*"Exploring the Temporal Aspects of Software Architecture", **keynote*** at ICSOFT 2016, the 12th International Conference on Software Technologies.
2014	"Is Crowd Testing (relevant) for Software Engineers?", ***keynote*** at AST 2014, 9th International Workshop on Automation of Software Test (AST'14), co-located with ICSE 2014, june 2014.
2014	Series of invited *seminars* at the Amrita University, India, June 2014
2014	"Software Architecture: introduction to the abstraction", May 2014, invited *seminar* at the University of Split, Croazia (invited by dr. Maja Štula)
2014	"Needs, Challenges, and Opportunites in Architecture Languages", March 2014, invited *seminar* at the University of Urbino (invited by prof. Marco Bernardo)
2013	"Needs, Challenges, and Opportunites in Architecture Languages", December 2013, invited *seminar* at the University of Bolzano (invited by prof. Alberto Sillitti)
2013	Series of invited *seminar* at the Gran Sasso Science Institute (GSSI), L'Aquila
2013	"The Role of Model Driven Engineering in Software Architecture Descriptions", January 2013, invited *seminar* at the Middlesex University, UK (invited by prof. Leonardo Mostarda)
2013	"The Role of Software Architecture in Testing and Analysis Mobile-enabled systems", February 2013, invited *seminar* at the University of Singapore (invited by prof. David Rosenblum)
2013	"A "SERENE" overview of the SOTA on Engineering Resilient Systems" and "On the role of context-changes in Engineering Resilient Context-Aware Applications: initial thoughts", January 2013,

speech at the Dagstuhl Seminar 13022 on "Engineering Resilient Systems: Models, Methods and Tools"

2012	"Future Research in Resilience", *Panel* at SERENE 2012, 4th International Workshop on Software Engineering for Resilient Systems, 27-28 September 2012, - Pisa, Italy
2012	"Architecture-based Testing and Analysis: achievements, challenges, and potentials", July 2012, **Invited talk** at the TAROT 2012, 8th International Summer School on Training And Research On Testing
2011	"AST2: Architecture Support for Testing", May 2011, *invited Charette* session at AST 2011, 6th IEEE/ACM ICSE workshop on "Automation of Software Test", Honolulu, USA
2010	"Architecting Critical Software Systems", May 2010, invited *seminar* at the University of Milano Bicocca, Italiy (invited by dr. Leonardo Mariani)
2010	"Engineering best-fit Architecture Description Languages", October 2010, invited *seminar* at the IFIP Working Group 2.10 on Software Architecture
2010	"Multi-model-based Analysis", e "Architecture-based Testing: how MBT may help?", October 2010, *speeches* at the Dagstuhl Seminar 10421 on "Model-Based Testing in Practice"
2008	"Model-based Testing in Model Driven Development: achievements, issues, and challenges", 2008, invited *seminar* at the Malardalen University Sweden (invited by prof. Ivica Crncovik).
2007	"Architecting Fault Tolerant Systems", **keynote** at RISE 2007, the 4th Int. workshop on the Rapid Integration of Software Engineering Techniques, Novembre 2007, Luxemburg.
2007	"Monitoring Architectural Properties in Dynamic Component-based Systems", December 2007, invited *seminar* at the Dept. of Mathematics and Computer Science, University of Camerino, Italy (invited by prof. Flavio Corradini).
2006	"Software Architecture-based Testing", August 2006, invited speech at the Northrop Grumman group (invited by prof. Debra J. Richardson)
2006	"The Role of Software Architecture for Testing and Analysis", August 2006, *invited* speech at Siemens S.C.R., US (invited by dr. Marlon Vieira)
2006	"Architecting Fault Tolerant systems: state of the art and ongoing work with CAAs", April 2006, invited *seminar* at the University of Luxembourg (invited by prof. Nicolas Guelfi).
2005	"Model-based Analysis of Software Architectures: our research group experience and future trends", July 2005, invited *seminar* at the Padeborn University, Germany (invited by prof. Holger Giese)
2005	"Software Architecture-based Modeling and Analysis", June 2005, invited *seminar* at the Fondazione Bruno Kessler (formerly, ITC-IRST), Italy (invited by dr. Antonio Bucchiarone).

Projects

Research Projects:

2016-2021	Leader of the research and development project with the UFFIZI Galleries, Florence. [project leader]
2018-2021	VASARI - "VAlorizzazione Smart del patrimonio ARtistico delle città Italiane", progetto di "Ricerca Industriale e Sviluppo Sperimentale". [leader for the University of L'Aquila unit].
2016-2017	LEONARDO – Smart Digital Ecosystems for the Customer Experience Enhancement. Programmi di Ricerca e Sviluppo nel cratere sismico aquilano. [member]
2015-2017	CHOReVOLUTION – H2020 project on "Automated Synthesis of Dynamic and Secured Choreographies for the Future Internet", 2015-2017. Web: http://www.chorevolution.eu/ [member]
2012-2015	Member of the RIDITT Ricostruire project on "trasferimento tecnologico e creazione di nuove imprese nell'ambito delle tecnologie ICT avanzate applicate allo sviluppo economico e territoriale post sisma" part of the RIDITT programme "Rete Italiana per la Diffusione dell'Innovazione e il Trasferimento Tecnologico alle imprese", Ministero dello Sviluppo Economico [member].
2012-2015	CRAFTERS - ARTEMIS Call 2011 Project	Project Nr. 295371, on "ConstRaint and Application driven Framework for Tailoring Embedded Real-time Systems". [co-leader for the University of L'Aquila unit]. Web: https://artemis-ia.eu/project/36-crafters.html
2008-2010	dASAP - PRIN Italian Project on "Software Architectures for Dependable and Adaptable Pervasive Computing Systems: design, analysis, and validation" [membro]

2006-2009	ART-DECO - FIRB Italian Project on "Adaptive InfRasTructures for DECentralized Organizations" [membro]
2007-2009	REM - Principal Scientific Investigator of the REM : Round Trip Engineering of Space Systems project. Contract 20645/07/F/VS between the European Space Agency and Terma GmbH. Sub-contractor: Dipartimento di Informatica, University of L'Aquila. [principal investigator]
2006-2008	POPEYE - FP6-2005-IST EU Project on "Professional Peer Environment Beyond Edge Computing" Web: http://www.ist-popeye.org [member]
2001-2003	SAHARA - MIUR National Project Software Architectures for Heterogeneous Access Network Infrastructures (SAHARA). Web: http://sahara.di.univaq.it/ [member]
1999-2000	SALADIN - MURST National Project Software Architectures and Languages to Coordinate Distributed Mobile Components (SALADIN). Web: http://saladin.dm.univaq.it/. [member]

Internationalization Projects:

2021-2025	Coordinator for UnivAQ of the EDISS (Engineering of Data-intensive Intelligent Software Systems) Erasmus Mundus Joint Master Degree program https://www.master-ediss.eu/ run together with the Malardalen University (Sweden), Aalto University (Finland), and University of the Balearic Islands (Spain)
2021-2025	Coordinator for UnivAQ of the SE4GD (Educating software engineers with a sustainability mindset to improve the well-being of people through software solutions) Erasmus Mundus Joint Master Degree program http://se4gd.lutsoftware.com/ run together with the LUT (Finland), and the Vrije Universiteit Amsterdam (the Netherlands)
2021-2023	Coordinator for UnivAQ of the TEACH4EDU4 "Accelerating the transition towards Edu 4.0 in HEIs" Erasmus+ programme - KA203 Strategic Partnerships for higher education https://teach4edu4-project.eu/
2018-2021	BITTCOIN-JO (Building Innovation Infrastructure via Technology Transfer Offices COnducted IN JOrdanian Higher Education Institutions), Erasmus+: Higher Education -- International Capacity Building programme, Project ID: 598726-EPP-1-2018-1- JO-EPPKA2-CBHE-JP [Co-coordinator for the University of L'Aquila]
2017-2019	GREB (Modernization of the Curricula in sphere of smart building engineering – Green Building" 574049-EPP-1-2016-1-IT-EPPKA2-CBHE-JP, Erasmus+ Capacity Building [Member]
2014-2018	European Union - Erasmus Mundus Action 2: EUROWEB+ Project. EU sponsored mobility project between the EU and the Western Balkans. European Union [Coordinator for the University of L'Aquila]
2011-2015	Erasmus Mundus Action 2: EUROWEB project. EU sponsored mobility project between the EU and the Western Balkans. [Coordinator for the University of L'Aquila].
2010	MIUR COOPERAZIONE Interuniversitaria awarded 185.000 euros (from the Italian Ministry of Education, University and Research) for supporting mobility in the context of the GSEEM Global Software Engineering European Master [Coordinator for the University of L'Aquila].
2008	MIUR COOPERAZIONE Interuniversitaria Awarded 180.000 euros (from the Italian Ministry of Education, University and Research) for supporting mobility in the context of the GSEEM Global Software Engineering European Master [Coordinator for the University of L'Aquila].
2008	MIUR Giovani Ricercatori Indiani Awarded 45.000 euros (from the Italian Ministry of Education, University and Research) for supporting mobility of Indian researchers to the University of L'Aquila [Coordinator for the University of L'Aquila].
2008–2011	EURECA ERASMUS MUNDUS External Cooperation WindowErasmus Mundus, External Cooperation Window, 2nd Call (EACEA/34/07) [Coordinator for the University of L'Aquila unit].
2007-today	GSEEM - Global Software Engineering European Master. Double Degree in Computer Science. [Coordinator for the University of L'Aquila unit]

Internazionalization tasks

2014-today	Person in charge for the Double Degree master programme between the University of L'Aquila, Italy, and the Amrita University, India
2006-today	Person in charge for the Double Degree master programme GSEEM - Global Software Engineering European Master between the University of L'Aquila, the VU University Amsterdam, The Netherlands, and the Malardalen University, Sweden
2008-today	Coordinator, for the University of L'Aquila, of the Erasmus Mundus EMA2 EUROWEB ed EUROWEB+, and of the Erasmus Mundus ECW EURECA, and MIUR Cooperazione projects.

Teaching

2019-today	Appointed for the *Design e User Experience* course (6 ECTS), part of the "Master in Mobile and Web Technologies", DISIM, University of L'Aquila, Italy
2015-today	Appointed for the *Software Architecture* master-level course (6 ECTS), DISIM, University of L'Aquila, Italy
2015-today	Appointed for the *Software Engineering* bachelor-level course (6 ECTS), DISIM, University of L'Aquila, Italy
2016-today	Appointed for the *Software Architectures Project* master-level course (3 ECTS), DISIM, University of L'Aquila, Italy
2004-2019	Appointed for the *Modeling Web Application with the UML* course (6 ECTS), part of the "Master in Web Technology", DISIM, University of L'Aquila, Italy
2005-2014	Appointed for the *Analysis and Testing of Component-based Systems* course (6 ECTS), DISIM, University of L'Aquila, Italy
2011-2012	Appointed for the *Advanced Software Engineering Project* course (6 ECTS), DISIM, University of L'Aquila, Italy
2002-2008	Appointed for the *Computer Architecture Laboratory* (3 ECTS), Computer Science Department, University of L'Aquila (Italy)
2006	Appointed for *ICS121: Software Tools and Methods* (6 ECTS), Information and Computer Science, University of California, Irvine (CA) 10-wk Summer Quarter
2005	Appointed for *ECI05: Software Architecture-based Testing and Model-checking*, School of Computer Science, University of Buenos Aires.
2002	Appointed for *ICS123: Software Architectures, Distributed Systems and Interoperability*, Information and Computer Science, University of California, Irvine (CA), Fall Quarter, 2002
2002	Appointed for *ICS122: Software Specification and Quality Engineering,* Information and Computer Science, University of California, Irvine (CA), Spring Quarter, 2002
2006-today	Phd Advisor of Dr. Ivano Malavolta (graduated), Dr. Mirco Franzago (graduated), Dr. Mohammad Sharaf (graduated), Smrithi Rekha V, Mahyar Tourchi Moghaddam, Karthik Vaidyanathan, Luca Traini, Tiziano Lombardi, Roberta Capuano, and Moamin Burhan Abughazala

Other teaching activities include: the delivery of a course on Web Design with the UML to the ISTAT, Rome (2014), the delivery of three courses on UML for the Web in companies in Rome (2010-2012), and the delivery of a professional IFTS course on UML modeling (2009).

Institutional Tasks

2018-today	Head of the Bachelor and Master programmes in Computer Science
2019	Director of the Master in Mobile and Web Technologies, University of L'Aquila (I level Master)
2010-today	Member of the Coordination Council of the Doctorate in ICT, University of L'Aquila
2018-today	Member of the Department Educational Programming Council
2015-today	Chair of the the University of L'Aquila node of the CINI Smart Cities & Communities laboratory (https://www.consorzio-cini.it/index.php/en/national-laboratories/laboratorio-smart-cities)
2016-today	Chair of the University of L'Aquila Internet of Things Living Lab
2014-today	Member of the Street Science (Notte dei Ricercatori AQ) and "Mercoledi' della Cultura" outreach activities
2007-today	Chair of the Double Degree Master programme GSEEM (Global Software Engineering Europeran

Master) with the VU University Amsterdam, The Netherlands and the Malardalen University, Sweden

2014-today   Chair of the Double Degree Master programme I2COST Indo-Italian Master Degree in Computer Science and Technology. The partners of the I2CoST consortium are the Amrita University, India (http://www.amrita.edu/), and the University of L'Aquila, Italy.

2002-today   Member of Bachelor and Master Degree Committees, Bachelor and Master students advisor, member of research and students' grants committess.

Technology Transfer and Software Products

2017-today   CEO and co-founder of the nExpecto S.r.l startup, Spin-off of the University of L'Aquila
2016-today   Co-owner of the code-based produced for the Uffizi Galleries project
2015-today   Co-owner of the CAPS research framework (https://mysat.gitlab.io/caps-web/)
2012-today   Co-owner of the A4WSN research framework (http://a4wsn.di.univaq.it/)
2010-today   Co-owner of the MEGAF research framework (http://megaf.di.univaq.it/)
2009-today   Co-owner of the byADL research framework (http://byadl.di.univaq.it/)
2008-today   Co-owner of the DUALLY research framework (http://dually.di.univaq.it/)
2004-today   Co-ownder of the CHARMY research framework (http://projects.disim.univaq.it/charmy/)

Publications

During my career, I have published over 150 conference and journal peer-reviewed international articles (in Annex A), with:
Scholar h-index: 35, Scholar i10-index: 95, #citations: 4229 (at June 2022)
Scopus h-index: 22, Scopus #documents: 143, Scopus #citations: 1563 (at February 22nd, 2020)

My research work has been conducted in collaboration with more than 150 international colleagues and thanks to the contribution of the following (ongoing or past) Ph.D. students: Dr. Ivano Malavolta, Dr. Mirco Franzago, Dr. Mohammad Sharaf, Smrithi Rekha V., Tiziano Lombardi, Karthik Vaidyanathan, Mahyar Tourchi Moghaddam, Roberta Capuano, Moamin Abughazala and Omar Rafiullah.

The complete list of papers I published can be found in Annex A, or on the DBLP (https://dblp.uni-trier.de/pers/hd/m/Muccini:Henry), or on the IRIS platform, or on Scopus.

For further information, you may visit my web page http://www.henrymuccini.com/

L'Aquila, June 03rd 2022

Henry Muccini