Contact Informations	*e-mail:* claudia.vannucchi@unimc.it

Current Position **Docente IIS Mattei di Recanati**

Lecturer for "Fondamenti della Matematica" (a.y. 2017/2018)

Department of "Scienze della Formazione, dei Beni Culturali e del Turismo"

Curriculum in "Scienze della Formazione Primaria" (LM-85 bis)

University of Macerata, Italy

Education **Ph.D. in Science and Technology** (January 2014 – 22 June 2017)

Curriculum in "Computer Science"

International School of Advanced Studies, University of Camerino, Italy

Advisor: Prof. K. Hinkelmann, Prof. L. Mostarda, Prof. D. R. Cacciagrano.

Master of Science in Mathematics and Applications (13/12/2012)

University of Camerino, Italy.

Mark: 110/110 cum laude.

Thesis: "Principi variazionali in Relatività Generale".

Advisor: Prof. Roberto Giambò.

Bachelor of Science in Mathematics and Applications (6/10/2010)

University of Camerino, Italy.

Mark: 110/110 cum laude.

Thesis: "Le costanti matematiche e il *Calculus*".

Advisor: Prof. Roberto Giambò.

High School Diploma, **Scientific curriculum** (2007)

Liceo Classico "G. Leopardi", Recanati (MC), Italy.

Mark: 96/100.

Scholarships and Awards UNICAM merit scholarship, "Borsa di eccellenza" (2007–2012).

UNICAM merit scholarship, "Università di Camerino: piacere di conoscere" (2010).

Language skills Italian: mother tongue.

English: fluent.

French: basic.

Language Certifications **FCE**, Cambridge ESOL certificate, (March, 2012).

Teaching A.Y. 2017 - 2018 *Lecturer* for "Fondamenti della Matematica" at Univ. of Macerata

A.Y. 2016 - 2017 *Lecturer* for "Fondamenti della Matematica" at Univ. of Macerata

A.Y. 2015 - 2016 *Lecturer* for "Fondamenti della Matematica" at Univ. of Macerata

A.Y. 2015 - 2016 *Didactic support* for "Calcolo 1" at Univ. of Camerino

A.Y. 2013 - 2014 *Didactic tutor* for "Analisi Matematica 1" at Univ. of Camerino

A.Y. 2012 - 2013 *Didactic tutor* for "Analisi Matematica 1" at Univ. of Camerino

Computer skills
and competences   Microsoft Office, Latex, Matlab, Microsft SQL, Oracle Business Intelligence
Enterprise Edition.
OWL language, Protegé.
Python, HTML, Oracle Database, SQL.
ECDL (European Computer Driving Licence) certificate.

Summer Schools,
Courses

2016, October 3-7, "Corso teorico pratico di Marketing" Dr. Umberto Filippi,
University of Camerino, Italy.

2016, October 3, "Passive Internationalization of SMEs: the case of Chinese
Investors in the Western Market. The Chinise Go Global Strategy." prof.
Spigarelli, University of Camerino, Italy.

2016, June 6, "Author workshop - How to be published" Dr. Liliana Birla, Elsevier,
University of Camerino, Italy.

2016, May 27, course on Verbal communication "*Verba volant: how to be effective
in communicating to diverse audiences,* Dr.E.Silva, Cohn & Wolfe, University of
Camerino, Italy.

2016, May 26, course on *Writing a grant proposal,* Dr. C. Franco, Dr. S. Scaviola,
University of Camerino, Italy.

2016, May 25, course on *Internationalization process of SMEs: becoming global in
old and new ways,* Dr. F. Spigarelli, University of Camerino, Italy.

2016, May 23-24, course on *The (strange) world of Intellectual/Industrial property:
how to make use of IP within scientific research,* Dr. L. Currado, University of
Camerino, Italy.

2015, Oct. - Nov., course on *Enterprise Architecture,* Prof. Dr. Knut Hinkelmann,
FHNW Olten, Switzerland.

2015, July 20-31, NEMO 2015 Summer School, 2nd Edition of the Next Generation
Enterprise Modelling Summer School, University of Vienna, Austria.

2015, July 13-22, 2nd EATCS Young Researchers School & TopDrim School
"Understanding Complexity and Concurrency through Topology of Data"
University of Camerino, Italy.

2015, June 8-11, course on *Statistics and Data Management,* Prof. Angeletti, iSAS,
University of Camerino, Italy.

2015, Apr. - May, course on *Knowledge Engineering and Business Intelligence,*
Prof. Dr. Knut Hinkelmann, Prof. Dr. Holger Wache. University of Camerino, Italy.

Visiting   2016, Sept. 29 – Oct 1, Visiting researcher at Middlesex Unversity of London (UK),
Computer science Dept. Advisor: Prof. Franco Raimondi.

2015, Oct- Dec., Visiting researcher at University of Applied Sciences and Arts
Northwestern Switzerland FHNW, Olten, Switzerland. Advisor: Dr. Prof. Knut
Hinkelmann.

Talks   2016, March 24, *30th IEEE International Conference of Advanced Information
Networking and Applications Workshops*, Crans Montana, Switzerland.

Papers   Vannucchi, C., Diamanti, M., Mazzante, G., Cacciagrano, D.R., Corradini, F.,
Culmone, R., Mostarda, L., Gorogiannis, N., Raimondi, F.: vIRONy: a tool for
analysis and verification of ECA. *11th International Conference on Intelligent
Environments*, 2017

Vannucchi, C., Diamanti, M., Mazzante, G., Cacciagrano, D.R., Culmone, R.,
Mostarda, L., Gorogiannis, N., Raimondi, F.: Symbolic Verification of Event-
Condition-Action Rules in Intelligent Environments. Journal of Reliable Intelligent
Environments – Springer (2017)

Vannucchi, C., Cacciagrano, D.R., Culmone, R., Mostarda, L.:
Towards a uniform ontology-driven approach for modeling, checking and
executing WSANs. In: *Proceedings of the 30th IEEE International Conference of
Advanced Information Networking and Applications* Workshops (WAINA-2016),

IEEE Computer Science, pp. 319-324, Crans Montana, Switzerland, 2016. doi: 10.1109/WAINA.2016.79

Vannucchi, C., Cacciagrano, D.R., Corradini, F., Culmone, R., Mostarda, L., Raimondi, F., Tesei,L.: A Formal Model for Event-Condition-Action Rules in Intelligent Environments. In: *Proceedings of the 11th International Conference on Intelligent Environments*, pp. 56–65, London, England, 2016. doi: 10.3233/ 978-1-61499-690-3-56