

## **PERSONAL INFORMATION**

#### ANDREA MOLINARI

## **PROFESSIONAL EXPERIENCE**

#### **Professor**

Contract Professor - University di Trento (1990 – today)

Contract Professor - Free University of Bolzano (2002 – today)

Adjunct Professor – Turku University / Abo Akademi – Finland (2007 – 2019)

Visiting Professor – Lappeenranta University of Technology (2021-today)

Docent in Decision Making - Lappeenranta University of Technology (2024 - today)

## **Project Manager**

Project Manager for different software developing groups, both in Academy and Industry (1998 – today)

## Enterpreneur

Co-founder, Vice-President and CTO of Okkam s.r.l., a University of Trento / FBK spinoff working in the field of semantic big data integration (2010 – today)

Co-founder and CEO – Studio CFI s.r.l. – Consultancy and Training in ICT – Trento (1988 – today)

## **Software Developer**

Software development with different languages and under different operating systems (1981 – today)

## **EDUCATION**

## 2022 Doctoral Degree - Doctor of Science (Technology), Engineering Science, Software Engineering research field

LUT - Lappeenranta University of Technology

Title: Integration Between eLearning platforms and Information Systems: a New Generation of Tools for Virtual Communities

#### 1988 Master Degree in Economics

Università degli Studi di Trento

Grade 110/110

Title: P.I.R.S. Personal Information Retrieval Systems

## 1982 High School Diploma

Istituto Tecnico Commerciale per Ragionieri Programmatori Elettronici, Trento Accounting and Computer Programmer, grade 60/60

#### **GENERAL INFORMATION**

Publications	2
Steering / Program committee for journals and conferences	.13
Reviewer for scientific journals/conferences	.13





Teaching	14
Project Manager - Research Grants and Projects	
Other Professional Experiences	29
Personal Competences	32

#### **Publications**

#### **Refereed Publications**

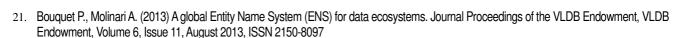
#### **Publications in Journals and Books**

- Molinari A., Molinari E. (2024) The Added Value Of Academic Writing Instruction In The Age Of Large Language Models: A Critical Analysis, IADIS International Journal on WWW/Internet – Volume 22, Issue 1, 2024, ISSN: 1645-7641, pp. 44-58
- 2. Molinari A., Molinari E. (2024) Designing a New Generation of Learning Management Systems, International Journal of Learning and Teaching, Vol. 10, No. 1, pp. 136-143, 2024, doi: 10.18178/ijlt
- 3. Molinari A. (2023) Project Plan Structure: The Gantt Chart and Beyond, in IEEE Technology and Engineering Management Society Body of Knowledge (TEMSBOK), ISBN: 978-1-119-98760-4. Wiley-IEEE Press, 2023, pp. 189–203
- Guimarães M., Prada R., Santos P., Dias J., Soeiro C., Guerra R, Steiner-Stanitznig C, Molinari A. (2022) ISPO: A Serious Game to train the Interview Skills of Police Officers, International Journal of Serious Games, Vol.9 n.4 (2022), pp. 43-61, ISSN: 2384-8766, http://dx.doi.org/ 10.17083/ijsg.v9i4.569
- Bogdanova, D., Yusupova, N., Trevisan, I., Molinari, A. (2022). Applying Affective Computing to Marketing Problems. In: Gibadullin, A. (eds) Digital and Information Technologies in Economics and Management. DITEM 2021. Lecture Notes in Networks and Systems, vol 432. pp 145–158 Springer, Cham. https://doi.org/10.1007/978-3-030-97730-6\_13
- 6. Turchet L., Bouquet P., Molinari A., Fazekas G. (2022) The Smart Musical Instruments Ontology, Journal of Web Semantics, Volume 72, 2022, 100687, ISSN 1570-8268, <a href="https://doi.org/10.1016/j.websem.2021.100687">https://doi.org/10.1016/j.websem.2021.100687</a>.
- 7. Molinari A. (2021), Project Management and Learning Environment: A Case Study, Journal of Visual Language and Computing, Vol. 2021 N.2, DOI reference number: JVLC2021-N2-020, pp 21-32
- 8. Nikou S., Molinari A. Widén G.(2020) The interplay between literacy and digital technology: A fuzzy-set qualitative comparative analysis approach, Information Research Vol.25 No.4, 2020, DOI: https://doi.org/10.47989/irisic2016
- 9. Coccoli M., Maresca P., Molinari A. (2020) Special Issue on "Smart Learning in Smart Cities", Journal of e-Learning and Knowledge Society, Volume 16, No 1 (2020), Published: May 15, 2020, ISSN(online)1971-8829[ISSN(paper)1826-6223
- Coccoli M., Maresca P., Molinari A. (2020) Big Data, Cognitive Computing, and the Future of Learning Management Systems. In: Hong C., Ma W. (eds) Applied Degree Education and the Future of Work. Lecture Notes in Educational Technology. Springer, Singapore, DOI reference number: 978-981-15-3142-2 25, Print ISBN 978-981-15-3141-5 ISSN 2196-4963, pp.329-340
- 11. Coccoli M., Maresca P., Molinari A. (2019) Collaborative e-learning environments with cognitive computing and big data, Journal of Visual Language and Computing, Vol. 9 N.1 2019, DOI reference number: 10.18293/JVLC2019N1-07 ISSN 1045-926X, pp 43-52
- 12. Westera W., Fernandez-Manjon B., Prada R., Star K., Molinari A., Heutelbeck D., Hollins P., Riestra R., Stefanov K. Kluijfhout E. (2018), The RAGE software portal: toward a serious game technologies marketplace, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2018, 11385 LNCS, pp. 277–286
- 13. Bouquet P., Molinari A. (2016) A new approach to the use of semantic technologies in E-Learning platforms, International Journal of Advanced Corporate Learning (iJAC). Vol 9, No 2 2016, pp 5- 12 ISSN: 1867-5565
- 14. Casagranda, M., Colazzo, L., Molinari, A. (2016), Using E-learning in the digital transformation of an Italian Public Administration, International Journal of Advancements in Mechanical and Aeronautical Engineering, Vol. 3, pp. 114-120 Issue 1 ISSN 2372-4153
- 15. Molinari A. (2015) Designing Learning Objects For Italian Public Administration: A Case Study, Problems of Education in the 21st Century, 2015; 68(68) 52–63 ISSN 1822-7864
- 16. Molinari, A., et al.(2014): Big data and open data for a smart city. In: IEEE Smart Cities Inaugural Workshop, December 2014 in Trento, Italy, pp. 1–8. IEEE (2014)
- 17. Casagranda, M., Colazzo, L., Molinari, A. (2014) Estimating the effort in the development of distance learning paths, Communications in Computer and Information Science, Springer, Vol. 456, 2014, Pages 160-179, ISBN 978-3-662-44787-1 ISSN: 1865-0929
- 18. Casagranda M, Colazzo L, Molinari A (2014). Distance Learning, public administration and business innovation: A case study. MONDO DIGITALE, ISSN: 1720-898X
- 19. Colazzo L., Molinari A., Villa N., (2013) ICT-enabled learning settings: course, person or Community? In International Journal of Distance Education Technologies, Vol.11, No.3, July-September 2013, pp. 32-46, ISSN: 1539-3100
- 20. Molinari A., Trevisan I., Bogdanova D., Akhmetova Y., (2013) Classifying students based on fuzzy logic to devise individual study plans, Systems Engineering and information technologies, Vol. 17, no. 6 (59), pp. 43-56, ISSN 1992-6502



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- 22. Bonetti A., Bortot S., Fedrizzi M., Marques Pereira R., Molinari A. (2012), Modelling group processes and effort estimation in project management using the Choquet integral: An MCDM approach In Expert Systems with Applications: An International Journal archive, Volume 39 Issue 18, December, 2012, pp. 13366-13375
- Bouquet P., Molinari A. (2012), Semantic Technologies And E-Learning: Towards An Entity-Centric Approach For Learning Management Systems, Journal of e-Learning and Knowledge Society, ISSN: 1826-6223 e-ISSN: 1971-8829. Vol. 8, n.2, May 2012
- 24. Colazzo, L., Molinari, A., Villa, N. (2011). Formal and Informal Lifelong Learning in a Virtual Communities Platform. In: Luo, X., Cao, Y., Yang, B., Liu, J., Ye, F. (eds) New Horizons in Web-Based Learning - ICWL 2010 Workshops. ICWL 2010. Lecture Notes in Computer Science, vol 6537. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-20539-2 31
- 25. Colazzo L., Conte F., Molinari A., Villa N. (2011), Lesson diary and personal workbook: collaborative services in a learning virtual communities' platform. In International Journal of Technology Enhanced Learning, Vol. 3, n.3, 2011, pp. 229 – 241, ISSN (Online): 1753-5263 - ISSN (Print): 1753-5255, InterScience. DOI: 10.1504/IJTEL.2011.040221
- 26. Colazzo L., Conte F., Molinari A., Villa N. (2011), Progettare, costruire e gestire un sistema di e-learning. L'esperienza del progetto comunità online, in: Didattica universitaria online - Vol. III (Strumenti e problemi), Scriptaweb, ISBN: 978-88-6381-166-7
- 27. Casagranda M., Colazzo L., Molinari A., Tomasini S. (2010). E-learning as an opportunity for the Public Administration. In: Technology Enhanced Learning - Quality of Teaching and Educational Reform. p. 431-438, BERLIN:Springer, ISBN: 9783642131653
- 28. Colazzo L., Comai A., Davì F., Molinari A., Villa N. (2010) Feedback mechanisms in learning virtual community settings. US-China Education Review, David Publishing Company, Vol 7, N.1, 2010, p. 76-84, ISSN 1548-6613, USA (2010)
- 29. Casagranda M., Molinari A., Tomasini S. (2010), Progettazione e intervento nell'e-learning per la Pubblica Amministrazione: dalla sperimentazione all'analisi dei costi. Je-LKS, Journal of E-Learning and Knowledge Society, rivista della Sle-L, Società Italiana di e-Learning. Vol. 6, N. 1, Jan 2010. ISSN: 1826-6223
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- 33. Colazzo L., Conte F., Molinari A., Villa N. (2010). The Workbook Service in a Learning Virtual Communities' Platform. Technology Enhanced Learning. Quality of Teaching and Educational Reform, Communications in Computer and Information Science. vol. 73, p. 411-417, Heidelberg:Springer-Verlag, ISBN: 9783642131653
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- 35. Colazzo L., Molinari A., Villa N. (2009), Lifelong Learning and Virtual Communities in the Public Administration: a case study in Italy, International Journal of Advanced Corporate Learning. Vol 2, N. 3, 2009. ISSN: 1867-5565
- 36. Colazzo L., Conte F., Molinari A., Villa N. (2009), Progettare, costruire e gestire un LMS L'esperienza della Facoltà di Economia dell'Università di Trento. In ATENEI, rivista del Ministero della Pubblica Istruzione, Università e Ricerca Scientifica
- 37. Colazzo L., Molinari A. Villa N. (2009), Lo sviluppo di un'applicazione di mobile communities. Je-LKS, Journal of E-Learning and Knowledge Society, rivista della Sle-L, Società Italiana di e-Learning. Vol. 5, N. 3, Sep 2009. ISSN: 1826-6223
- 38. Colazzo L., Molinari A., Pegoraro M., Villa N. (a cura di), V Congresso della Società Italiana di e-Learning: Atti del Convegno, Trento: Università degli studi di Trento, 2008. 978-88-8443-272-8. CD Multimediale
- 39. Colazzo L., Villa N., Molinari A., (2008) Piattaforme tecnologiche per progetti di Lifelong Learning: la dimensione del tempo. Journal of e-learning and Knowledge society, ISSN: 1826-6223 e-ISSN: 1971-8829, v. 4, n. 1, p. 81-90.
- 40. Colazzo L., Molinari A., Villa N., (2008) Technological Platforms for Lifelong Learning s: the Dimension of Time. Journal of e-learning and Knowledge society, ISSN: 1826-6223 e-ISSN: 1971-8829. v. 4, n. 1, p. 211-219.
- 41. Colazzo L., Molinari A., Villa N. (2008). From e-learning to 'co-learning': the role of virtual communities. In: (a cura di): M. Kendall;B. Samways, Learning to Live in the Knowledge Society: IFIP 20th World Computer Congress, IFIP TC 3 ED-L2L Conference, September 7-10, 2008, Milano, Italy. IFIP INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING, vol. 281, p. 329-338, NY:Springer Verlag, ISBN: 9780387097282, ISSN: 1571-5736
- 42. Colazzo L., Molinari A., (2007) Shifting from Traditional LMSs to Virtual Community Systems. Journal of e-learning and Knowledge society, NuovaSerie, v. 3, n. 2, p. 95-104. , DOI: 10.1400/77970
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- 44. Molinari A., Squillante M., Ventre V. (2006), A measure of operational risk using Fuzzy Logic, Risk Management Magazine, AIFIRM, 2006, Vol.2, N.2
- 45. Carbonaro A., Colazzo L., Molinari A., (2006) L'era del Mobile Computing, Mondo digitale, 2006, v. 18 (Jun), n. 2, p. 18-39, ,http://www.mondodigitale.net/Rivista/6\_numero\_3/Carbonaro\_p.\_18-39.pdf





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- 47. Marques Pereira R. A., Molinari A., Pasi G. (2005) Contextual weighted representations and indexing models for the retrieval of HTML documents, in Soft Computing A Fusion of Foundations, Methodologies and Applications, Springer-Verlag, ISSN: 1432-7643 2005, v. 9, p. 481-492
- 48. L. Colazzo and A. Molinari (2005) Building, Testing and Assessing a Learning Management System, Journal of Computing and Information Technology, Vol.13, N. 1, 2005
- 49. Andronico A., Carbonaro A., Colazzo L., Molinari A.,(2004) Personalization Services for Learning Management Systems in Mobile Settings, Special issue on the Theme "Adaptivity in Web and Mobile Learning Services", International Journal of Continuing Engineering Education and Lifelong Learning, Volume 14 Issue 4/5 2004, p. 353-369 (ISSN 1560-4624)
- 50. Ventre V., Molinari A.,(2004) Un'analisi del rischio di frode connesso al fenomeno dell'E-Banking, in "La Gestione della Conoscenza nell'Economia del Software: problemi aperti per un'agenda di ricerca", a cura di F. Bencardino e E. Bellini. Edito da Franco Angeli, Milano. 2004.
- 51. Bordiga S., Colazzo L., Magagnino F., Molinari A. (2004). Pragmatica della comunicazione in sistemi di e-learning. FORM@RE, vol. 30, p. 1-2, ISSN: 1825-7321
- 52. Colazzo L., Molinari A. (2004), Searching for indicators in educational processes through the use of a Learning Management System, in DataMining IV, WITPress, Ashurst Southampton, UK, ISBN: 1-85312-806-6, pp 489-500
- 53. Colazzo L., Molinari A., Ventre V. (2004) From E\_learning to mobile learning:an experience within the financial mathematics, in Current topics in Computer Sciences Theory and Applications, pp. 33-44, ISBN 973-85195-0-0
- 54. Andronico A., Carbonaro A., Colazzo L., Molinari A., Ronchetti M., Trifonova A. (2004). Designing Models and Services for Learning Management Systems in Mobile Settings. In: (a cura di): Fabio Crestani; Mark Dunlop; Stefano Mizzaro, Mobile and Ubiquitous Information Access. vol. 2954/2004, p. 524-532, Heidelberg:Springer Verlag, ISBN: 9783540210030, doi: 10.1007/b95483
- 55. A. Andronico, A. Carbonaro, L. Colazzo, A. Molinari, M. Ronchetti, A. Trifonova (2004). Designing Models and Services for Learning Management Systems in mobile settings. In: Lecture Notes of Computer Science. vol. Volume 295, p. 90-106, BERLIN:Springer
- 56. Colazzo L., Grasso R., Molinari A. (2001) "Il progetto Log Integrator Analizzare le scelte dei visitatori in applicazioni Web di pagine dinamiche". In Il Laboratorio di scienze cognitive dell'Università degli studi di Trento saggi e Lavori Novembre 1999 Dec 2000, Braitenberg V., Selvatico D. (a cura di), Trento: Università degli studi di Trento, 2001, pp. 581-590.
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- 59. Colazzo L., Molinari A., Rizzi V.(2001) Utenti Evoluti e servizi personalizzati nelle applicazioni WWW, In II laboratorio di scienze cognitive Dell'Università degli Studi di Trento, Saggi e lavori Novembre 1999- Dec 2000, Braitenberg V., Selvatico D. (a cura di), Trento: Università degli Studi di Trento, 2001, pp. 613-621.
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- 67. Libardi G., Molinari A.(1996) Outsourcing e sistema informativo: il caso della CARITRO, in Sinergie- Italian Journal of Management, 1997, vol. III, pag. 120-132, ISSN 0393-5108
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#### **Publications in Conference Proceedings**

- 75. Bouquet P., Molinari A., Sandri S. (2024) Challenges in Working with Unstructured Data in the LLM era: NER processes using Graph Neural Networks, 4th International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), Maldives, 4-6 Nov 2024
- 76. Bouquet P., Molinari A.(2024) A Multi-Criteria, Multi-Expert Sports Technology Maturity Model for the Evaluation of Smart Cities, 10<sup>th</sup> 10th IEEE International Smart Cities Conference, Bangkok, Oct 29 – Nov 1 2024
- 77. Molinari A., Molinari E. (2024), Teaching Academic Writing in the era of Large Language Models: a case study, in ELDL 2024 18th International Conference on e-Learning and Digital Learning, Budapest, 13-15 July 2024
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- 79. Molinari E., Molinari A. (2023) Providing Accessible and Supportive User Experience through conversational UI and digital humans, in 29th International DMS Conference on Visualization and Visual Languages(DMSVIVA2023), DOI reference number: 10.18293/DMSVIVA23-024
- 80. Sandri S., Molinari A. (2023) Preference learning in food Recommendation: the "Myfood" case study, in 3rd IEEE International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME'23), 19-21 July 2023, Tenerife, DOI: 10.1109/ICECCME57830.2023.10253409, ISBN:979-8-3503-2298-9
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- 85. Molinari A., Bouquet P. (2022) Distance Learning During Pandemic: Was it Really So bad? 14th annual International Conference on Education and New Learning Technologies, Palma de Mallorca (Spain). 4th-6h of July, 2022, ISBN: 978-84-09-12031-4 / ISSN: 2340-1117, doi: 10.21125/edulearn.2022 pp 7971-7976
- 86. Bouquet P., Molinari A., Bortolan L., Dal Prà A., Bezzi G., Vettorato S. (2022) A Cloud-Based Management System for a Data Collection and Analysis Infrastructure on an Alpine Skvi Slope, in IEEE-STAR2022 Internation Conference on Sport, Technology and Research, 6th-8th July 2022, Cavalese (Italy)
- 87. Molinari A., (2021) Towards a Project Management-Enabled Learning Environment: A Case Study, in 27th International DMS Conference on Visualization and Visual Languages, pp. 104-110, ISBN: 1-891706-53-5, ISSN: 2326-3261 (print), 2326-3318 (online), DOI: 10.18293/DMSVIVA2021
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- 89. P. Bouquet, A. Molinari (2019) E-Learning And Project Management: Adding New Features To Learning Management Systems, Proceeding of ICERI2019, 12th annual International Conference of Education, Research and Innovation, ISBN: 978-84-09-14755-7 ISSN: 2340-1095, doi: 10.21125/iceri.2019.2468, Seville, 11-13 Nov, 2019
- 90. Sandri, H. Zheng, F. Engel, A. Moorhead, H. Wang, R. Bond, M. McTear, A. Molinari, P. Bouquet, and M. Hemmje (2019) Is there an Optimal Technology to Provide Personal Supportive Feedback in Prevention of Obesity? 2019 IEEE International Conference on Bioinformatics and Biomedicine, BIBM 2019, 2019, pp. 1-6 San Diego USAC, DOI: 10.1109/BIBM47256.2019.8983405, ISBN: 978-1-7281-1867-3
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- Course "Information Systems and Data Management" (6 credits in English), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2022-2023
- Course "Theories and Techniques of Digital Media" (6 credits in Italian), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2022-2023
- Course "Computer Science" (6 credits in English), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2022-2023





- Course "Project Management" (6 credits in English), Master Degree in System Engineering Department of Industrial Engineering, University of Trento, 2021-2022
- Course "Project Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering– Department of Industrial Engineering, University of Trento, 2021-2022
- Course "Information and communication technology for Social work" (4 credits—in English), Faculty of Education of the Free University of Bozen, 2021-2022
- Course "Business Information Systems" (4 credits—in Italian), Faculty of Economics University di Trento, 2021-2022
- Course "Computer Science" (6 credits in Italian), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2021-2022
- Course "Design in Virtual Environments for Communication" (6 credits in English), Faculty of Education of the Free University
  of Bozen, 2021-2022
- Course "Project Management" Nov-Dec 2022 (40h) Coati constructions S.r.l.

- Course "Project Management and Data Science" (6 credits in English), Interdepartmental Master Degree in Data Science, University of Trento, 2021-2022
- Course "Database and Business Analytics" (4 credits in English) Master in Business Analytics, Lappeenranta University of Technology, 2021-2022
- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2021-2022
- Course "Programming basics for Data Science" (3 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2021-2022
- Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2021-2022
- Course "Information Systems and Data Management" (6 credits in English), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2021-2022
- Course "Introduction to Academic Writing" (6 credits), Faculty of Economics of the Free University of Bozen, 2021-2022
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2021-2022
- Course "Project Management in business" June 2021 (20h) CBA S.p.A
- Course "Software tools for managing projects" May 2021 (40h) Dolomiti Energia S.p.A.
- Course "Project Management" Nov-Dec 2021 (32h) Zucchetti S.p.A
- Course "Project Management tools and techniques" –Dec 2021 (40h) Dimension S.r.l.
- Course "Project Management: theory and methods" nov-dec 2021 Trentino Social Tank s.r.l.
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2020-2021
- Course "Operating Systems" (6 credits in Italian), Bachelor Degree in Computational Science, Faculty of Computer Science
  of the Free University of Bozen, 2020-2021
- Course "Project Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering– Department of Industrial Engineering, University of Trento, 2020-2021

## 2020

- Course "Development of Data Products" (6 credits in English), Master Degree in Computational Data Science, Faculty of Computer Science of the Free University of Bozen, 2020-2021
- Course "Social and Security Aspects of Data Science" (6 credits in English), Master Degree in Computational Data Science, Faculty of Computer Science of the Free University of Bozen, 2020-2021
- Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2020-2021
- Course "Information Systems" (6 credits in English), Faculty of Economics University di Trento, European Master in Business Studies, 2020-2021
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2020-2021
- Course "Project Management" (6 credits in English), Master Degree in Mechatronics and Systems Engineering

   Department of Industrial Engineering, University of Trento, 2020-2021
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2019-2020
- Course "Informatics" (4 credits in Italian), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2019-2020
- Course "Project Risk Management" March 2020 (40h) For Trentino Sviluppo Development Agency top management

- Course "Social and Security Aspects of Data Science" (6 credits in English), Master Degree in Computational Data Science, Faculty of Computer Science of the Free University of Bozen, 2019-2020
- Course "Project Management" (6 credits in English), Master Degree in Mechatronics and Systems Engineering

   Department of Industrial Engineering, University of Trento, 2019-2020
- Course "Scientific Writing and Communication" (3 credits in English), Bachelor in Computer Science, Faculty of Computer Science of the Free University of Bozen, 2019-2020





• Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2019-2020

Curriculum Vitae

- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2019-2020
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2019-2020
- Course "Project Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering– Department of Industrial Engineering, University of Trento, 2018-2019
- Course "Web Design and Media Education" (6 credits in English), Bachelor in Communication Sciences and Culture, Faculty of Education of the Free University of Bozen, 2018-2019
- Course "Business Information Systems" (4 credits in Italian), Faculty of Economics University di Trento, 2018-2019
- Visiting professor Turku University (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2018 -2019
- Course "Information Security" (8 credits in English), Bachelor in Computer Science, Faculty of Computer Science of the Free University of Bozen, 2018-2019
- Course "Information Systems and Data Management" (6 credits in English), Bachelor in Economics, Faculty of Economics of the Free University of Bozen, 2018-2019
- Course "Project Management Tools and Techniques" Jan-Mar 2019 (88h) Trentino Sviluppo Development Agency for SMEs owners and project managers
- Course "Project Management Tools and Techniques" Oct- Dec 2019 (56h) For Trentino Sviluppo Development Agency top management
- Course "Project Management" Oct- Dec 2019 (64h) Patrimonio del Trentino S.p.A for project managers
- Course "Master executive in Project Management" –Dec 2019 (40h) Trentino Social Tank Trento
- 2018
- Course "Software Process and Project Management" (8 credits in English, European Master in Software Engineering, Faculty
  of Computer Science of the Free University of Bozen, 2018-2019
- Course "Project Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering– Department of Industrial Engineering, University of Trento, 2017-2018
- Course "Project Management" (6 credits in English), Master Degree in Mechatronics and Systems Engineering Department of Industrial Engineering, University of Trento, 2018-2019
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2018-2019
- Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2018-2019
- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2018-2019
- Course "Web Design and Visual Communication" (6 credits in English), Bachelor in Communication Sciences and Culture, Faculty of Education of the Free University of Bozen, 2017-2018
- Course) "Project Management for Communication Sciences" (6 credits in English, Bachelor in Communication Sciences and Culture, Faculty of Education of the Free University of Bozen, 2017-2018
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2017-2018
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2017 -2018
- Course "Project Management" Trentino Marketing s.p.a. Mar-May 2018 (40h)
- Course "Project Management" CoopAlleanza3.(Coop Adriatica, Coop Consumatori Nordest, Coop Estense) Maj 2018 (32h)
- Course "Project Management in Public Works" Autonomous Province of Trento, Dept. of Public Works– Mar-Dec 2018 (168h 4 editions of 40h + 1 edition 8 hours)

- Course "Technical and Scientific Communication" (5 credits in English), Master in Musicology, Faculty of Education of the Free University of Bozen, 2017-2018
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2017-2018
- Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2017-2018
- Course "Project Management" (6 credits in English), Master Degree in Mechatronics and Systems Engineering Department of Industrial Engineering, University of Trento, 2017-2018
- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2017-2018
- Course "Project Management and Professional Ethics (GS)" (3 credits in English), Faculty of Computer Science of the Free University of Bozen, 2016-2017
- Course "Web Design and Visual Communication" (6 credits in English), Bachelor in Communication Sciences and Culture, Faculty of Education of the Free University of Bozen, 2016-2017





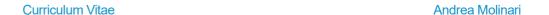
- Course "Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering— Department of Industrial Engineering, University of Trento, 2016-2017
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2016 -2017
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2016-2017
- Course "Project Management" Trentino Marketing s.p.a. Sep-Oct 2017 (40h)
- Course "Project Management in Public Works" Autonomous Province of Trento, Dept. of Public Works-Jul-Dec 2017 (80h)
- Course "Project Management" Coop Alleanza 3.(Coop Adriatica, Coop Consumatori Nordest, Coop Estense) Jan 2017 (32h)
- Course "Project Management" Coop Alleanza 3.(Coop Adriatica, Coop Consumatori Nordest e Coop Estense) May- June 2017 (80h)

- Course "Technical and Scientific Communication" (5 credits in English), Master in Musicology, Faculty of Education of the Free University of Bozen, 2016-2017
- Course "Project Management" (6 credits in English), Master Degree in Mechatronics and Systems Engineering Department of Industrial Engineering, University of Trento, 2016-2017
- Course "Abilità Informatiche e Telematiche per il servizio sociale" (4 credits), Faculty of Education of the Free University of Bozen, 2016-2017
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2016-2017
- Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2016-2017
- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2016-2017
- Course "Project Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering– Department of Industrial Engineering, University of Trento, 2015-2016
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2015 / 2016
- Course "Technical and Scientific Communication" (6 credits in English), Faculty of Computer Science of the Free University of Bozen, 2015-2016
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2015-2016
- Course "Project Management"—Coop Alleanza3 (Coop Adriatica, Coop Nordest, Coop Estense)— Nov-Dec 2016 (40h)
- Course "Web Design and Visual Communication" (6 credits in English), Bachelor in Communication Sciences and Culture, Faculty of Education of the Free University of Bozen, 2015-2016
- Course "Project Management" SAIT Trento feb. 2016 (40h)
- Course "Project Management" University of Trento March 2016 (40h)
- Course "Project Management" IBT Trento– Feb-May 2016 (88h)
- Course "Project Management"—Coop Alleanza 3(Coop Adriatica, Coop Nordest, Coop Estense)— May-June 2016 (40h)
- Course "Project Management" Coop Alleanza 3.(Coop Adriatica, Coop Consumatori Nordest e Coop Estense) Oct Nov 2016 (40h)

#### 2015

- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2015-2016
- Course "Abilità Informatiche e Telematiche per il servizio sociale" (4 credits), Faculty of Education of the Free University of Bozen, 2015-2016
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2015-2016
- Course "Computer skills for Education" (4 credits-in English), Faculty of Education of the Free University of Bozen, 2015-2016
- Course "Project Management" (3 credits in English), Doctoral Programme in Materials, Mechatronics and Systems Engineering– Department of Industrial Engineering, University of Trento, 2014-2015
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2014 / 2015
- Course "Technical and Scientific Communication" (6 credits in English), Faculty of Computer Science of the Free University of Bozen, 2014-2015
- Course "Web Design and Visual Communication" (6 credits in English), Bachelor in Communication Sciences and Culture, Faculty of Education of the Free University of Bozen, 2014-2015
- Course "Project Management", Trentino Network S.p.A.-Trento, march 2015 (24 hours)
- Course "Project Management" –master for IEEE Italy School of CAREER BOOSTING mar 2015 (12 hours)
- Course "Project Management" -master "Family Audit" Trento School of Management feb 2015 (12 hours)

- Course "Database Systems and Digital Ecology" (6 credits-in English), Faculty of Education, Free University of Bozen, 2014/15
- Course "Computer skills for Education" (4 credits in English), Faculty of Education of the Free University of Bozen, 2014/15





- Course "Abilità Informatiche e Telematiche per il servizio sociale" (4 credits), Faculty of Education of the Free University of Bozen, 2014-2015
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2014-2015
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2014-2015
- Course "Information Systems" (6 credits in English), Faculty of Economics University di Trento, European Master in Business Studies. 2014-2015
- Course "Computer and Communication Skills for social services" (4 credits in Italian) 2014 / 2015
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2013 / 2014
- Course "Project Team and Work Management" (8 credits-in English), Faculty of Computer Science, Free University of Bozen, 2013-2014
- Course "ICT & Project Management", CONIT -Trento, oct-dec 2014 (40 hours)
- Course "Software per il Project Management", Trento School of Management -Trento, sep-oct 2014 (28 hours)
- Course "Project Management", Delta Informatica-Trento, mar-apr 2014 (40 hours)
- Course "ICT & Project Management", CONIT -Trento, apr-maj 2014 (40 hours)
- Course "Software per il Project Management", Trento School of Management -Trento, may-jun 2014 (28 hours)
- Course "New Digital Code Act and web site for Public Bodies" by the Artisans Association of Trento, Apr-Sep 2014 (12hours)
- Course "Project Management" -master for IEEE Italy School of CAREER BOOSTING mar 2014 (8 hours)
- Course "Project Management" master "Middle Management", 11<sup>edition</sup>, for bank managers of the Rural cooperative Banks of Trentino, apr 2014 (2 days)
- Course "E-commerce as a new selling channel" Accademia d'Impresa Trento Chamber of Commerce, Jan 2014 (1 day)
- Course "Database Systems and Digital Ecology" (6 credits-in English), Faculty of Education, Free University of Bozen, 2013/14
- Course "Computer skills for Education" (4 credits in English), Faculty of Education of the Free University of Bozen, 2013/14
- Course "Management Information Systems in the Public Sector" (4 credits), Master in Economics and Management of the Public Sector, Faculty of Economics of the Free University of Bozen, 2013-2014
- Course "Business Information Systems" (4 credits- in Italian), Faculty of Economics University di Trento, 2013-2014
- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2013-2014
- Course "Dematerialization of documents", Master in Law and Management of Public Administrations, Trento School of Management, June 2013 (9hours)
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2012 / 2013
- Course "Project Team and Work Management" (8 credits in English), Faculty of Computer Science of the Free University of Bozen, 2012-2013
- Course "Introduction to Databases" (5 credits in English) and "Introduction to Databases LAB" (3 credits, in English), Faculty of Education of the Free University of Bozen, 2012-2013
- Course "Digital Libraries" (5 credits in English) and "Digital Libraries LAB" (3 credits, in English), Faculty of Education of the Free University of Bozen, 2012-2013
- Course "Dematerialization of documents", Master in Law and Management of Public Administrations, Trento School of Management, June 2013 (16hours)
- Course "Project Management Theories and Techniques", Trentino Network -Trento, Jan-mar 2013 (40 hours)
- Course "New Digital Code Act and web site for Public Bodies" by the Artisans Association of Trento, Apr 2013 (4hours)
- Course "Project Management" International Master on Interactive Digital Communications: Advertising, Publishing, and TV, 2013 (24h in e-learning)
- 2012

- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques Applied to ICT" (5 credits in English) 2011 / 2012
- Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2012-2013
- Course "Business Information Systems" (4 credits—in Italian), Faculty of Economics University di Trento, 2012-2013
- Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques for ICT" (5 credits in English) 2011 / 2012
- Course "Computer Science for Communication Sciences" (6 credits in English), Faculty of Education of the Free University of Bozen, 2011-2012
- Course "Information systems and data management" (6 credits in English), Faculty of Economics of the Free University of Bozen, 2011-2012





- Course "Dematerialization of documents", Master in Law and Management of Public Administrations, Trento School of Management, May 2012 (16hours)
- Course "New Digital Code Act and web site for Public Bodies" by Trento Consortium of Municipalities, Mar-May2012 (12hours)
- Course "E-business models for semantic technologies" Summer School of the Eberea Project Helsinki, Aug 2012 (16 hours)
- Course "Project Server and Project Management applications", Autonomous Province of Trento (88hours)
- Course "Project Management Advanced Techniques", Trentino Engineers Association, may 2012 (24 hours)
- Course "Project Management Theories and Techniques", Ingenico-Milan, Mar 2012 (24 hours)
- Course "Project Management Theories and Techniques", Trentino Network -Trento, mar 2012 (16 hours)
- Course "Project Management and Leadership", may 2012, for referees nursing homes of Autonomous Province of Trento (8h)
- Course "Project Management" in the master "Middle Management", 9th Edition, for bank managers of the Rural cooperative Banks of Trentino, may. 2012 (1 day)
- Course "Project Management Theories and Techniques", Energy Business-Trento, July-september 2012 (40 hours)
- Course "New Digital Code Act and web site for Public Bodies" by the Hotelkeepers Association of Trento, Oct 2012 (4hours)
- Course "New Digital Code Act and web site for Public Bodies" by the Artisans Association of Trento, Dec 2012 (6hours)
- Course "Information Systems" (6 credits– in English), Faculty of Economics University di Trento, European Master in Business Studies, 2011-2012
  - Course "Introduction to Databases" (5 credits in English) and "Introduction to Databases LAB" (3 credits, in English), Faculty
    of Education of the Free University of Bozen, 2011-2012
  - Course "Computer Science for Communication Sciences" (5 credits in English) and "Computer Science for Communication Sciences – LAB" (3 credits, in English), Faculty of Education of the Free University of Bozen, 2010-2011
  - Course "Information Systems and Data management" (5 credits in English), Faculty of Economics of the Free University of Bozen, 2010-2011
  - Course "Internet Technologies LAB" (3 credits, in English), Faculty of Education of the Free University of Bozen, 2011-2012
  - Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques for ICT" (5 credits in English) 2010 / 2011
  - Course "ICT applications" (5 credits-in italian), Faculty of Economics Univ. Trento, Master Degree in NET-Economy, 2010/11
  - Course "Dematerialization of documents", Master in Law and Management of Public Administrations, Trento School of Management, May 2011 (16hours)
  - Course "New Digital Code Act and web site for Public Bodies" by Trento Consortium of Municipalities, May-Jun 2011 (16hours)
  - Course "Project Management" in the master "Middle Management", 9th Edition, for bank managers of the Rural cooperative Banks of Trentino, nov. 2011 (2 days)
  - Course "Project Management", Trento School of Management and Department of Innovation, Research and ICT; Autonomous Province of Trento, January 2011 march 2011 (1 editions, 40hours)
  - Visiting professor Abo Akademi Turku (Finland) course "Project Management theories and techniques for ICT" (5 credits–in English) 2009 / 2010
    - Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento, 2009-2010
    - Course "ICT applications" (5 credits- in Italian), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2009-2010
    - Course "Human-Computer Interaction" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2010-2011
    - Course "Information Systems" (6 credits—in English), Faculty of Economics University di Trento, European Master in Business Studies, 2010-2011
    - Course "Information Systems and Knowledge Management" (5 credits in English), Faculty of Education of the Free University
      of Bozen, 2010-2011
    - Course "Information Systems and ICT" (5 credits in English), Faculty of Education of the Free University of Bozen, 2010-2011
    - Course "Project Management", Trento School of Management and Department of Innovation, Research and ICT; Autonomous Province of Trento, June 2010 –december 2010 (4 editions, 160hours)
    - Course "Risk Management", Solvay SIS, Bollate, July 2010 (1 edition, 16 hours)
    - Course "Web/Enterprise 2.0 3.0" Solvay SIS, Bollate, June 2010 (1 edition, 8 hours)
    - Course "Digital signatures & Certified electronic mail", Trento Consortium of Municipalities, Jun–Jul 2010(5 editions–40 hours)
    - Course "Dematerialization of documents", Master in Law and Management of Public Administrations, Trento School of Management, June 2010 (16hours)
    - Course "E-learning and lifelong learning: theories, tecniques and tools" at Struttura Informatica Srl, Bologna, Jul

       – Aug2010 (60hours)
    - Course "PME Project Management for Event management" Univ. of Trento Faculty of Humanities, Trento, 23-30 Mar 2010

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Curriculum Vitae Andrea Molinari

## Corporate training on Project Management (methodologies and tools) by different multinational corporations, Public administrations and italian companies (Università Cattolica, Luxottica, Breton, Provincia Autonoma di Trento, Girpa) 2009 Visiting professor - AboAcademi - Turku (Finland) course "Project Management theories and techniques for ICT" (5 creditsin English) 2008 / 2009 Course "Information Systems and ICT" (5 credits-in English), Faculty of Education of the Free University of Bozen, 2009-2010 Course "Information Systems" (6 credits). Faculty of Engineering of the University of Trento, 2008-2009 Course "ICT applications" (5 credits- in Italian), Faculty of Economics - University di Trento, Master Degree in NET-Economy, 2008-2009 Course "Human-Computer Interaction" (5 credits – in English), Faculty of Economics - University di Trento, Master Degree in NET-Economy, 2009-2010 • Course "Information Systems" (6 credits- in English), Faculty of Economics - University di Trento, European Master in Business Studies, 2009-2010 Course "Computer Science for Communication Science" (5 credits – in English), Faculty of Education of the Free University of Bozen, 2008-2009 • Course "Network Programming" (6 credits-in Italian) by the Faculty of Engineering of the University of Trento, 2009-2010 • Corporate training on Project Management (methodologies and tools) by different multinational corporations, Public institutions and italian companies (ENAV, Università Cattolica, Luxottica, Festo, Breton, Provincia Autonoma di Trento, Girpa) Course "Project Management for small-medium Enterprises" Trento, May - November 2009 (80hours) · Course "Dematerialization of documents", Master in Law and Management of Public Administrations, Trento School of Management, June 2009 (16hours) Course "Human-Computer Interaction for Web applications" Struttura Informatica Srl, Bologna, september 2009 (16hours) Course "Project Management" inside the Master "TERRA. Territorio, risorse ruoli in azione", Accademia d'Impresa – Trento, July 2009 (12hours) Course "Software Design and UML standard 2.0", Struttura Informatica Srl, Bologna, July 2009 (24hours) Course "Tools and techinques for e-learning" High School "A.Tambosi" april-may 2009 (10hours) 2008 • Course "Network Programming" (6 credits - in Italian) by the Faculty of Engineering of the University of Trento, 2008-2009 Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento, 2007-2008 Course "Information Systems and ICT" (5 credits-in English), Faculty of Education of the Free University of Bozen, 2008-2009 • Course "Human-Computer Interaction" (5 credits - in English), Faculty of Economics - University di Trento, Master Degree in NET-Economy, 2008-2009 Course "Computer Science for Communication Science" (5 credits – in English), Faculty of Education of the Free University of Bozen, 2007-2008 Course "ICT applications" (5 credits- in Italian), Faculty of Economics - University di Trento, Master Degree in NET-Economy, Course "Information Systems" (6 credits—in English), Faculty of Economics - University di Trento, European Master in Business Studies, 2008-2009 • Corporate training on Project Management (methodologies and tools) by different multinational corporations, Public administrations and italian companies (ENAV, Università Cattolica, Luxottica, Festo, Breton, Provincia Autonoma di Trento, Girpa) Course "Project Management – Time & Cost Management" – Festo Academy, Milan (Italy), Mar 2008 (16h) Course "Project Management – Risk Management" – Festo Academy, Milan (Italy), Apr 2008 (16h) Course "Project Management - Closing Projects" - Festo Academy, Milan (Italy), Maj 2008 (8h) • Corporate Training of Software Engineering and Project Management (methodologies and tools), Diebold SPA, Ivrea . Italy (16hours) Training by the Province of Florence for top management on "Technological Innovation and optimization of processes"-Galgano Group (16 hours) 2007 Course "Information Systems" (6 credits – in English), Faculty of Economics - University di Trento, European Master in Business Studies, 2007-2008 • Course "Human-Computer Interaction" (5 credits - in English), Faculty of Economics - University di Trento, Master Degree in NET-Economy, 2007-2008 Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento. 2006-2007 • Course "ICT applications" (5 credits- in Italian), Faculty of Economics - University di Trento, Master Degree in NET-Economy, 2006-2007

Course "Network Programming" (6 credits – in Italian) by the Faculty of Engineering of the University of Trento, 2007-2008

• Training on advanced development tecquiques in ASP.NET for the development team of the University of Bozen





- Corporate training on Project Management (methodologies and tools) by different multinational corporations, Public administrations and italian companies (Glaxo, Luxottica, Festo, Magneti Marelli, Breton, Honyvem, PoolEngineering, Girpa, vari Dipartimenti della Provincia Autonoma di Trento)
- Trainig for Internet and Communication referees of Verona Municipality- Galgano Group

- Course "Human-Computer Interaction" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2006-2007
- Course "Network Programming" (6 credits in Italian) by the Faculty of Engineering of the University of Trento, 2006-2007
- Course "Internet Technologies 1" (6 credits in English), Faculty of Computer Science of the Free University of Bozen, 2006-2007
- Course "Didactics in Informatics" (5 credits in English) University of San Thomas, Maputo, Mozambic
- Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento, 2005-2006
- Course "Human Computer Interaction" (4 credits in English), Faculty of Computer Science of the Free University of Bozen , 2005-2006
- Course "Advanced Operating Environments" (4 credits in English), Faculty of Computer Science of the Free University of Bozen, 2005-2006
- Course "ICT applications" (5 credits- in Italian), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2005-2006
- Scientific responsible and teacher in the modules "Internet and Information Technologies" in the educational path funded by EU "F.I.DATI Formazione all'Informatizzazione dei Dati. PerCourse per la diffusione dell'informatizzazione della cartella sanitaria assistenziale", for ICT referees of the nursing homes of the Autonomous Province of Trento (60h)
- Corporate training on "Datawarehouse, Datamining e Analisi dei Dati" by Struttura Informatica, Bologna (24h)
- Corporate Training on "Workflow and Business Process Modeling tools" by Struttura Informatica, Bologna (16h)
- Training about Internet Marketing for BSI Fiere in the context of EU funded courses ref. 2005 D1.32B.1-A1-PMI-10
- Corporate training on Project Management (methodologies and tools) by different multinational corporations, Public administrations and italian companies (Glaxo, Festo, Magneti Marelli, Breton, vari Dipartimenti della Provincia Autonoma di Trento)

#### 2005

- Course "Network Programming" (6 credits in Italian) by the Faculty of Engineering of the University of Trento, 2005-2006
- Course "Internet Technologies 1" (6 credits in English), Faculty of Computer Science of the Free University of Bozen, 2005-2006
- Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento, 2004-2005
- Course "Human Computer Interaction" (4 credits in English), Faculty of Computer Science of the Free University of Bozen, 2004-2005
- Course "Advanced Operating Environments" (4 credits in English), Faculty of Computer Science of the Free University of Bozen, 2004-2005
- Course "Human-Computer Interaction" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2005-2006
- Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento, 2004-2005
- Course "Project management" in the master degree of the Trento School of Management Trento: "Consulente d'impresa tra integrazione dei servizi e telelavoro" (40h)
- Module "Project management" in the following master degrees offered by the Istituto Regionale di Studi e Ricerca Sociale, Trento: "Master in gestione dei servizi", "Master in Assistive Technology and Disability management", "Master in competenze per la governance dei servizi" (28h)
- Course "Internet Marketing" for the "Università Popolare di Trento" in the course "La vendita di prodotti assicurativi tramite Internet: un'evoluzione della professione nel comparto assicurativo" (40h)
- Course "Internet Marketing" for the "Università Popolare di Trento" in the course "Tecnologie abilitanti per le reti territoriali" (16h)
- Corporate training on Project Management (methodologies and tools) by different multinational corporations, Public administrations and italian companies (Provincia Autonoma di Trento, Università di Trento)

- Course "Internet Technologies 1" (6 credits in English), Faculty of Computer Science of the Free University of Bozen, 2004-2005
- Course "Information Systems" (6 credits), Faculty of Engineering of the University of Trento, 2003-2004
- Course "Network Programming" (6 credits) by the Faculty of Engineering of the University of Trento,2004-2005
- Course "Information Systems Labs" (3 credits), Faculty of Engineering of the University of Trento, 2003-2004
- Module "Internet Marketing" (3 credits) in the course "Marketing E-commerce", Faculty of Economics University di Trento, Master Degree in NET-Economy, 2004-2005
- Course "Telecommunication" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2004-2005





- Scientific coordinator for the "Computer Science" area in the following master degree offered by Trento School of Management Trento: Master QSA Esperto nell'integrazione dei sistemi qualità, sicurezza, ambiente
- Scientific coordinator for the "Computer Science" area in the following master degree offered by the Academy of Enterprises"
   Trento "Learning and Training Processes", within the European Project "SAVE"
- Scientific coordinator for the "Computer Science" area in the following master degree offered by the Academy of Enterprises" Trento "Master in Network and Relationship Management", within the European Project "SAVE"
- Course "Information Technology, Virtual communities and Project Management" for the master degree "Master in Network and Relationship Management", within the european project "SAVE" by the Academy of Enterprises, Trento (68h face-to-face, 40h at distance)
- Course "Information Technology, Virtual communities and Project Management" for the master degree "Learning and Training Processes", within the european project "SAVE" by the Academy of Enterprises, Trento (60h face-to-face, 40h at distance
- Course "Internet technologies and web marketing" inside the master degree "Esperto nella gestione dell'impresa artigiana" offered by the Academy of Commerce and Tourism, Trento(Italy) (28h)

- Course "Man-Machine Interaction" (6 credits in English) by the Faculty of Engineering of the University of Trento,2003-2004
- Course "Network Programming" (6 credits in Italian) by the Faculty of Engineering of the University of Trento, 2003-2004
- Course "Information Systems Labs" (3 credits), Faculty of Engineering of the University of Trento, 2002-2003
- Course "Telecommunication" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2003-2004
- Contract Professor for the module "Internet Marketing" (3 credits) in the course "Marketing E-commerce", Faculty of Economics University di Trento, Master Degree in NET-Economy, 2003-2004
- Course "Database Management System on Oracle platform and DBMS advanced programming (PL/SQL)" organized by the University of Trento for Sodalia SpA (Telecom Italia) (20h)
- Course "Project Management" within the Master degree "Master in management per i servizi alla persona" for the Istituto Regionale di Studi e Ricerca Sociale, Trento (28h)
- Course "Project Management" within the Master degree "Master per la direzione nei servizi alla persona" for the Istituto Regionale di Studi e Ricerca Sociale, Trento (28h)
- Course "Telecommunication and computer networks" within the Master "IC management for corporate integration and innovation" Academy of Commerce and Tourism, Trento (48h)
- Course "Information & Communication Technologies" inside the master "Manager della progettazione e vendita delle forme di offerta turistica negli ambiti locali trentini attività" offered by the Academy of Commerce and Tourism, Trento (28h)
- Courses within the master degree "Information and Communication Technologies" offered by the 'International Institute for Advanced Scientific Studies (IIASS), Vietri, Salerno (Italy), for a total of 40h:
  - "Analysis and Design of Database"
  - "Distributed Database"
  - "Datawarehouse and Datamining"
- Project Manager and teacher in the distance education project "Advanced usage of office automation tools" held by the University of Trento, Department of Computer and Management Sciences in partnership with Unione Provinciale Istituzioni per l'Assistenza, Trento (80h)

- Course "Network Programming" (6 credits in Italian) by the Faculty of Engineering of the University of Trento, 2002-2003
- Course "Information Systems Labs" (3 credits), Faculty of Engineering of the University of Trento, 2001-2002
- Course "Telecommunication" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2002-2003
- Course "Database Management System" for managers and responsibles, organized by the University of Trento for Sodalia SpA (Telecom Italia) (28h)
- Course "Internet Marketing" within the master degree "Master in Marketing Management" offered by the Academy of Commerce and Tourism, Trento(Italy) (36h)
- Course "Project Management" within the master degree "Master in Marketing Management" offered by the Academy of Commerce and Tourism, Trento(Italy) (20h)
- Course "Internet Marketing" within the master degree "Management for E-business" offered by the Academy of Commerce and Tourism, Trento(Italy) (20h)
- Courses of ICT introduction within the EU-funded project "It's never too late", devoted to 55+ old people, organized by the University of Trento (Department of Computer and management sciences) together with Diagonal Trento (120h)
- Courses within the master degree "Information and Communication Technologies" offered by the 'International Institute for Advanced Scientific Studies (IIASS), Vietri, Salerno (Italy), for a total of 40h:
  - "Analysis and Design of Database"
  - "Distributed Database"
  - "Datawarehouse and Datamining"





- Course "Advanced Information Systems" (6 credits), Faculty of Engineering University of Trento. 2000-2001
- Course "C Programming" (6 credits) by the Faculty of Engineering, 2001-2002
- Course "Telecommunication" (5 credits in English), Faculty of Economics University di Trento, Master Degree in NET-Economy, 2001-2002
- Module "Project Management for software engineering", within the course "Software Engineering", Faculty of Engineering, University of Trento, (8h) 2000-2001
- Course "Internet Marketing" within the master degree "Master in Marketing Management" offered by the Academy of Commerce and Tourism, Trento(Italy) (24h)
- Course "Project Management" within the master degree "Master in Marketing Management" offered by the Academy of Commerce and Tourism, Trento(Italy) (20h)
- Course "ICT management of hospital Information systems" for managers of the healthcare authority of Padova and Vicenza provinces, by CUOA Foundation, (Vicenza, Italy) (32h)
- Course "Internet Marketing and web technologies" within the Master degree "Management for l'E-business" offered by the Academy of Commerce and Tourism, Trento(Italy) (64 h)

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2000

- Course "Advanced Information Systems" (6 credits), Faculty of Engineering University of Trento. 1999-2000
- Course "Industrial Automation" (6 credits), Faculty of Engineering University of Trento. 1999-2000
- Module "Internet Marketing" (2 credits) withing the course "Marketing" of the Faculty of Econmics University of Trento, 1999-2000
- Course "Utilizzo di Internet come strumento strategico per le PMI", Academy of Commerce and Tourism of Trento, Master in "Master in Business Administration (MBA), (24 h)
- Course "Strumenti di supporto alle decisioni e office automation", Academy of Commerce and Tourism of Trento, Master in "Master in Tourism Marketing (MTM), (32 h)
- Course "Strumenti di Office Automation per il supporto alle decisioni", Academy of Commerce and Tourism of Trento, Master "New technologies" (30 h)
- Scientific coordinator and teacher in the area "Project Management" inside the master "Web Project Manager", Scuola Formazione e Servizi, Autonomous Province of Bolzano (40 h)
- Course "Internet, web e marketing", Academy of Commerce and Tourism of Trento, Master in "Master in Marketing and Services" (MMS), (28 h)
- Course "Progettazione di DataBase e utilizzo dei DBMS", Academy of Commerce and Tourism of Trento, Master in "New technologies" (68 h)
- Scientific Coordinator and teacher in the area "ICT and Internet" in the master "Assistant Marketing Manager", Academy of Commerce and Tourism of Trento, (20 h)
- Scientific Coordinator and teacher in the area "ICT e Internet" in the master "Addetto allo sviluppo di sistemi informativi aziendali Internet e Intranet oriented", Academy of Commerce and Tourism of Trento, Master in (184 h)
- Courses within the master degree "Information and Communication Technologies" offered by the 'International Institute for Advanced Scientific Studies (IIASS), Vietri, Salerno (Italy), for a total of 40h:
  - "Analysis and Design of Database"
  - "Distributed Database"
  - "Datawarehouse and Datamining"

- Course "Advanced Information Systems" (6 credits), Faculty of Engineering University of Trento. 1998-1999
- Course "Industrial Automation" (6 credits), Faculty of Engineering University of Trento. 1998-1999
- Module "Internet Marketing" (2 credits) withing the course "Marketing" of the Faculty of Econmics University of Trento, 1998-1999
- Course "Internet e distance learning", retraining course for high-schools managers of the Autonomous Province of Trento, organized by the University of Trento (24 h)
- Course "Internet, web e marketing", Academy of Commerce and Tourism of Trento, Master in "Master in Marketing of Services" (MMS), (34 h)
- Course "Internet publishing" for italian SMEs by CUOA Foundation, University Centre for Management and Organizations (Vicenza, Italy) (24 h).
- Courses devoted to SMEs management by the CUOA Foundation, University Centre for Management and Organizations (Vicenza, Italy) on the strategic use of Internet for e-business, within the scope of the SENSE european project. (48 h)
- Coordinator of the area "Information and Communication Technologies" of master courses offered by the Academy of Commerce and Tourism of Trento
- teacher of course "ICT e Internet" in the master "Development of Internet and Intranet Information Systems", Academy of Commerce and Tourism of Trento (112 h)





1997

- Course "Usage of Internet a strategic tool for SMEs", Academy of Commerce and Tourism of Trento in the master "Master in Business Administration (MBA), (24 h) • Course "Tools for Decision Support Systems and office automation", Academy of Commerce and Tourism of Trento in the master "Master in Tourism Marketing (MTM), (32 h) • Courses within the master degree "Information and Communication Technologies" offered by the 'International Institute for Advanced Scientific Studies (IIASS), Vietri, Salerno (Italy), for a total of 40h: "Analysis and Design of Database" "Distributed Database" "Datawarehouse and Datamining" Course "Advanced Information Systems" (6 credits), Faculty of Engineering – University of Trento. 1997-1998 Course "Industrial Automation" (6 credits), Faculty of Engineering – University of Trento. 1997-1998 Module "Internet Marketing" (2 credits) withing the course "Marketing" of the Faculty of Econmics University of Trento, 1997- Coordinator for the area "Information and Communication Technologies" in masters organized by the Academy of Comerce and Tourism, Trento Courses devoted to SMEs management by the CUOA Foundation. University Centre for Management and Organizations (Vicenza, Italy) on the strategic use of Internet for e-business, within the scope of the SENSE european project. (48 h) • Teacher for courses "Internet", "Relational Database Design" e "Information Systems" in the master "Esperte nella progettazione, nello sviluppo e nella manutenzione di sistemi di supporto alle decisioni territoriali", organized by the Laboratory of Engineer and Computer Science, Dept. of Computer and Management Sciences, University of Trento (108 h) Course "Usage of Internet a strategic tool for SMEs", Academy of Commerce and Tourism of Trento in the master "Master in Business Administration (MBA), (24 h) • Course "Tools for Decision Support Systems and office automation", Academy of Commerce and Tourism of Trento in the master "Master in Tourism Marketing (MTM), (32 h) Course "Advanced Information Systems" (6 credits), Faculty of Engineering – University of Trento. 1996-1997 Course "Industrial Automation" (6 credits), Faculty of Engineering – University of Trento. 1996-1997 Module "Data Model for Information Retrieval System" (2 credits) withing the course "Database" by the Faculty of Economics, University of Trento,. 1996-1997 • Course "Usage of Internet a strategic tool for SMEs", Academy of Commerce and Tourism of Trento in the master "Master in Business Administration (MBA), (24 h) • Course "Tools for Decision Support Systems and office automation", Academy of Commerce and Tourism of Trento in the master "Master in Tourism Marketing (MTM), (32 h) Coordinator for the area "Information and Communication Technologies" in masters organized by the Academy of Comerce and Tourism, Trento Course "Unix programming" e "Database Design", organized by the University of Trento for new employees of SODALIA S.p.A. - Telecom Italia (40 h) • Teacher for courses "Internet", "Relational Database Design" e "Information Systems" in the master "Esperte nella progettazione, nello sviluppo e nella manutenzione di sistemi di supporto alle decisioni territoriali", organized by the Laboratory of Engineer and Computer Science, Dept. of Computer and Management Sciences, University of Trento (184 h) Course "Advanced Information Systems" (6 credits), Faculty of Engineering – University of Trento. 1995-1996 • Course "Industrial Automation" (6 credits), Faculty of Engineering – University of Trento. 1995-1996 Module "Data Model for Information Retrieval System" (2 credits) withing the course "Database" by the Faculty of Economics. University of Trento., 1995-1996 • Course "Unix programming" e "Database design", organizzato dall'Università di Trento per i nuovi assunti di SODALIA S.p.A. -Gruppo Telecom Italia (totale 40 h) • Scientific coordinator of the ICT area and teaching activities (80 h) in post-degree master of the Laboratory of Engineer and Computer Science, Dept. of Computer and Management Sciences, University of Trento Course "Advanced Information Systems" (6 credits), Faculty of Engineering – University of Trento. 1994-1995 Module "Data Model for Information Retrieval System" (2 credits) withing the course "Database" by the Faculty of Economics, University of Trento,. 1994-1995
- 1995

1996

- Course "Unix programming" e "Database design", organizzato dall'Università di Trento per i nuovi assunti di SODALIA S.p.A. -Gruppo Telecom Italia (totale 40 h)
- Scientific coordinator of the ICT area and teaching activities (80 h) in post-degree master of the Laboratory of Engineer and Computer Science, Dept. of Computer and Management Sciences, University of Trento

## since 1994

- Supervisor of approx. 10 thesis every year by
  - Faculty of Economics University of Trento
  - o Faculty of Engineer University of Trento

Curriculum Vitae Andrea Molinari

	Frankling (Committee Orleans - Habitatelling (Delicery (Class 2000))
	<ul> <li>Faculty of Computer Science - University of Bolzano (since 2003)</li> <li>Faculty of Education - University of Bolzano (since 2008)</li> </ul>
	Abo Akademy - University of Turku (Finland) (since 2008)
1994	Course "Industrial Automation" (6 credits), Faculty of Engineering – University of Trento. 1994-1995
	<ul> <li>Scientific coordinator of the ICT area and teaching activities (84 h) in post-degree master of the Laboratory of Engineer and Computer Science, Dept. of Computer and Management Sciences, University of Trento</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Principles of Computer Science" by the Faculty of Economics, University of Trento</li> </ul>
1993	<ul> <li>Course "Computer systems" (8 credits) for the Consorzio Universitario a Distanza of the Faculty of Economics of Trento 1993- 1994</li> </ul>
	<ul> <li>Course "Database Programming in IBM OS/2" by the Dept. of Computer and Management Sciences, University of Trento (40 h)</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Principles of Computer Science" by the Faculty of Economics, University of Trento</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Data Processing Systems" by the Faculty of Economics, University of Trento</li> <li>Tutorship Assignment for the courses "Information Systems" and "Databases" by the Faculty of Engineer and the Faculty of Economics (40 h)</li> </ul>
1992	• Course "Computer systems" (8 credits) for the Consorzio Universitario a Distanza of the Faculty of Economics of Trento 1992-1993
	<ul> <li>Course "Database Programming in IBM OS/2" by the Dept. of Computer and Management Sciences, University of Trento (40 h)</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Principles of Computer Science" by the Faculty of Economics, University of Trento</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Data Processing Systems" and "Computer Networks" by the Faculty of Economics, University of Trento</li> </ul>
	• Tutorship Assignment for the courses "Information Systems" and "Databases" by the Faculty of Engineer and the Faculty of Economics (40 h)
1991	• Course "Computer systems" (8 credits) for the Consorzio Universitario a Distanza of the Faculty of Economics of Trento, 1991-1992
	<ul> <li>Course di "programmazione di Database in ambiente OS/2", Dept. Of Computer and Management Sciences, University of Trento (40 h)</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Data Processing Systems" and "Computer Networks" by the Faculty of Economics, University of Trento</li> </ul>
	<ul> <li>Contract of Tutorship - Faculty of Engineering and Faculty of Economics for the courses "Information Systems" e "Database" (40h) a.y. 1991-1992</li> </ul>
1990	<ul> <li>Course "Computer systems" (8 credits) for the Consorzio Universitario a Distanza of the Faculty of Economics of Trento, 1990- 1991</li> </ul>
	<ul> <li>Assignment of "Senior Lecturer" for the course "Data Processing Systems" and "Computer Networks" by the Faculty of Economics, University of Trento</li> </ul>
	Course "Office Automation" for the employees of the Regione Trentino Alto Adige (120h)
	<ul> <li>Contract of Tutorship, Faculty of Engineering and Faculty of Economics for the courses "Information Systems" e "Database" (40h) a.a 1990-1991</li> </ul>
1989	• Contract of Tutorship, Faculty of Engineering and Faculty of Economics for the courses "Information Systems" e "Database" (40h) a.y 1989-1990
	<ul> <li>Course of "Programming Techniques for Information Retrieval Systems" for the salesforce of FFB Electronics (Scotland, UK)</li> <li>(60 h)</li> </ul>
1988	Course of "Information Retrieval design and programming techniques", FFB Electronics (Scotland, UK) (60h)
1987	Courses for high school teachers (40h):
	<ul> <li>Computer usage in didactics</li> <li>Teaching programming languages</li> </ul>
	- reaching programming languages - Advanced office automation tools
1986	Courses for high school teachers (40h):
	- Computer usage in didactics
	- Teaching programming languages
1985	<ul> <li>Advanced office automation tools</li> <li>Courses for high school teachers (40h):</li> </ul>
1900	Courses for high school teachers (40ff).     Computer usage in didactics

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- Teaching programming languagesAdvanced office automation tools

# **Project Manager - Research Grants and Projects**

(amounts converted and approximated in €)

2024-2026	Project Manager for Okkam srl of the European Project "GenDAI – Genomic application for laboratory Diagnostics supported by Artificial Intelligence", a H2020 EU project funded with 1.000.000€ for the consortium (7 partners) - Grant agreement ID: 823978, Budget 1.150.000€
2024-2025	Project Manager for Okkam srl on the project "MAESTRO", research project financed by the Autonomous Province of Trento on e-commerce, Budget 1.000.000€
2024-2025	Project Manager for Okkam srl on the project "FindME: University Dual Career Opportunities", a H2020- Erasmus Sport EU project funded with Budget 1.000.000€
2021-2023	Project Manager for Okkam srl on the project "INDACO", research project financed by the Autonomous Province of Trento on e-commerce, Budget 1.000.000€
2021-2023	Project Manager for Okkam srl on the project "SPORT4MED-Sport as a Vehicle for Developing Skills for the Labour Market & Promoting Employability & Entrepreneurship", research project co-funded by the Erasmus+ Programme of the EU, Budget 394.000 €
2020-2021	Project Manager for Okkam srl on the project "IOFood", research project financed by the Autonomous Province of Trento, Budget 490.000€
2020 2019-2020	Project Manager for Okkam srl on the project "Oblivion", EIT Digital funded project – Budget 810.00€  Project Manager – Research principle on the research project for Marangoni Meccanica S.p.A., for the creation of an HMI/SCADA software platform using the MQTT protocol - Budget 180.000
2018-2020	Software architect and Project Manager for the University of Trento on the project "E.DU.CA – E-learning for Dual carrier", funded by the University of Trento Rectorate (Special Projects) – Budget 182.000€, developed in C#, SQL server and ASP.NET / WebAPI
1998-2020	Software Architect and Project Manager of the Software Development team - Project "Comunità Online", first e-learning systems of the University of Trento – Internally funded, developed in C#, SQL server and ASP.NET / WebAPI
2019-2023	Project Manager for Okkam srl of the European Project "STOP - STop Obesity Platform", a H2020 EU project funded with 1.000.000€ for the consortium (7 partners) - Grant agreement ID: 823978
2018 –2019	Project Manager for Okkam srl of the European Project "Life Well, Work Well – L3W", a H2020- EIT EU project funded with 370.000€ for the consortium (3 partners)
2015-2019	Project Manager for Okkam srl of the European Project "RAGE - Realising an Applied Gaming Eco-system", a H2020 EU project funded with 9.000.000€ for the consortium (21 partners) - Grant agreement ID: 644187
2015 –2017	Coordinator of the project for the creation of four MOOCs on ICT topics, financed by IEEE Inc., NJ, USA – Budget 80.000€
2014 –2016	Software Architect and Project Manager on behalf of the Department of Industrial Engineering of the University of Trento on the project "ADEVICO – Advanced Learning Environments for Virtual Communities", budget 600.000€, developed in C#, SQL server and ASP.NET / WebAPI
2014 - 2016	Coordinator of the working group about Big / Open data operating by Trento's municipality (Italy) related with the "Smart Cities Initiative", financed by IEEE Inc., NJ, USA – Budget 200.000€
2013-2015	Project Manager for Okkam srl of the project "SICRAS", a project for the use of semantic technologies in tax evasion detection, budget 5.400.000€ (3 partners)
2013-2014	Software Architect and Project Manager on behalf of the Department of Industrial Engineering of the University of Trento on the project "Enterprise 2.0", together with Trentino Sviluppo (the Trentino Development Agency), aimed at creating a software platform to promote and support enterprise 2.0 tasks inside SMEs - Budget 130.000€, developed in C#, SQL server and ASP.NET / WeAPI
2011-2014	Project Manager for the Department of Computer and Management Science of the University of Trento on the project eBEREA (The eBusiness Education and Research Network for Euro-Asian Collaboration) – Budget 80.000€
2011-2013	Project Manager for Okkam srl of the European Project "FitCity", a FESR project funded with 520.000 for the consortium (2 partners)
2010 – 2016	Project Manager on behalf of the Department of Computer and Management Science of the University of Trento on the project with the Chamber of Commerce of Trento and the Chamber of Commerce of Bolzano on digitalization of italian public administration ("Codice dell'Amministrazione Digitale"), budget 250.000€
2007- 2013	Software Archtect and Project Manager of "L3 – Life long learning" project, an initiative of the Autonomous Province of Trento which aims to develop the collaboration platform for its employees (12.000 people), oriented to e-learning and collaboration activities.budget 2.500.000€, developed in VB.NET, C#, SQL server and ASP.NET / WebAPI



2011-2012	Senior Consultant for the European Project "DIGOIDUNA- Digital Object Identifiers and Unique Authors Identifiers to enable services for data quality assessment, provenance and access", which objective is to support policy makers at European, Member State and research institution levels in assessing impacts and understanding the opportunities and challenges connected to managing digital identifiers within the context of scientific data e-infrastructures – Budget:
	35.000€
2009-2011	Project Manager on behalf of the Department of Computer and management sciences of the University of Trento on the project "TM-SEPROB - Tecnologie e Metodi per la gestione SEmantica dei PROcessi di Business", budget 1.000.000€
2008-2010	Business Development Consultant in semantic technologies for the European Project OKKAM- Enabling the Web of Entities (budget: 5.200.000€), an FP7 Large-scale Integrating Project
2007-2009	Software Architect and Project Manager on behalf of the Autonomous Province of Trento of the project "ESPERTO", – E-learning for e-procurement" project, an initiative of Italian Ministry of Innovation and Technology, which aims to create an e-learning program for instructing public administration users about e-procurement practises and techniques. Grant: Italian Ministry of Innovation and Technology – Budget: about 900.000€, developed in VB.NET, C#, SQL server and ASP.NET / WebAPI
2003 – 2006	Senior consultant for topics related to 'E-learning and re-design of training catalogue of ICT courses of the employees of the Autonomous Province of Trento (approx. 5.000 employees involved) − Budget: 30.000€
2003 - 2006	Senior consultant for the Department of Computer and Management Sciences of the University of Trento for the Autonomous Province of Trento on ICT tools for management control in public administrations – Budget 45.000€
2003 - 2005	Responsible for the analysis and design in the project REPO - Research Portal – Information System for research activities management – Department of Computer and Management Sciences – University of Trento – budget 70.000€, developed in VB.NET, SQL server and ASP.NET / WebAPI
2003- 2004	Responsible for the design of ICT-related and e-learning activities in the project SAVE on behalf of the Academy of Trade and Tourism-Trento (Italy) - Budget 25.000€
2003-2004	Project Manager in the development of a new system for mobile learning integrated in the portal for distance learning of the University of Trento – Budget 25.000€
2003 –2004	Project Manager – project for the adoption of e-learning and new ICT technologies in HealthCare Residences, Department of Computer and Management Sciences – University of Trento, on behalf of the Regional Union of Healthcare residences – Trento (Italy) – Budget 40.000€
2002 - 2003	Senior Consultant – INNOVANET EU Project - Roadmap for implementing ICT innovation- Budget 25.000 €
2001- 2004 2002-2003	Consultant for the Department of Computer and Management Sciences – University of Trento for the European Project EUNITE, European Network on Intelligent Technologies for Smart Adaptive Systems – Budget 125.000€  Project Manager in the development of a new system for mobile learning integrated in the portal for distance learning of
2002 2000	the University of Trento – Budget 85.000€
2000-2003	ICT Project Manager – Project IPSSED (Internationalisation Project for Small Size Enterprise Development), an Adapt initiative that involves five partners (UK – East of England, Germany – Berlin, France – Rouenne, Italy – Friuli Venezia Giulia, Italy – Campania)
2000-2001	Grant: EU – Budget: about 1 Million Euros ICT Project Manager - EURORECRUIT Project (Virtual Europe-wide Recruitment System): the objective is to develop and test a Europe-wide "virtual" recruitment company, by connecting various small and medium-sized recruitment companies from different EU countries in a network through the use of modern IT technologies. The project involved eight European and non-European partners: Portugal – Inegi, Italy – Studio Marchi, Italy – Eife, Italy – University of Trento, Belgium – Kerylos, France – Phuso, Ireland – Newy&Mourne, Poland – FPL
	Grant: EU – Budget: about 60.000 Euros. The re-financing of the project is under evaluation by the EC, budget 1,2 Million Euros.
1998-2000	ICT Project Manager - DIOGENES project (International telematics network for the dissemination of information, promotion of mobility and assessment of university students), a LEONARDO initiative the involved four different European regions and five partners(Spain – University Of Madrid and Fundación Universidad-Empresa, Portugal-University of Guimares, Greece – University of Thessaloniky, Italy – University of Trento).  Grant: EU – Budget: 450.000 Euros
1997-1999	ICT Project Manager - S.E.N.S.E. project (Supporting Entrepreneurs for a New Strategic Environment, ADAPT IC/0428/A), an ADAPT initiative that involved four different European regions (Germay -Berlin, Scotland –Lanarkshire, France- Essone, Italy – Veneto). Responsible for the design and development of the Web site and the CD for all the partners. Budget:  Grant: EU – Budget: about 1 Million Euros
1997-1999	Senior Consultant in the creation of a Decision Support System for Cassa di Risparmio di Trento e Rovereto, bank of the Unicredit group – Budget 120.000€
1997	Senior Consultant – analysis of the workflow of administrative procedures of the Department of Computer and Management Sciences, University of Trento – Italy – Budget 40.000€



1995-1996	Project Manager and designer of the new information system for the National park of Paneveggio -Pale di San Martino,
	carried out by the Department of Computer and Management Sciences, University of Trento - Italy - Budget 60.000€
1994-1996	Project Manager of the team of the University of Trento in the collaboration with Cassa di Risparmio di Trento e Rovereto (bank of UniCredit group) for the outsourcing of the entire information system – Budget 80.000€
1994	Senior Consultant for the Clesius project, a system for the evaluation of financial positions of taxpayers, based on bayesian networks – Budget 50.000€
1993	Analysis and design of an information system for the management of a hypertexual database about telecommunication for the National Research Counsil (CNR- Italy) – Budget 34.000€
1992-1998	Project Manager in the analysis and design fo the new Information System of the Trento University Students Institution, with respective design of the connection with the University of Trento information system – Budget 35.000€
1991-1993	Project Manager in the project for the creation of a new office automation system for the Trentino-South Tirol Region Central administration (approx. 800 employees involved), project carred out in collaboration with the Department of Computer and Management Sciences, University of Trento – Italy – Budget 60.000€
1991	Design and development of an hypertextual system for managing projects for the "School-Workplace meeting point" project, on behalf of the Local government office of Education, Autonomous Province of Trento − Budget 35.000€
1990-1994	Member of the special project financed by the National Research Counsil (Centro Nazionale Ricerche) "Computer Science and parallel processing" for the Department of Computer and Management Sciences – University of Trento – Budget 55.000€
1990-1993	Development Team leader - IBM research initiative HT_Rebes (Study Contract n. 92.01572.pf69) regarding the creation of a hypertextual distance learning tool with generalized management of links and advanced retrieval techniques. Grant: IBM Italy – Budget: about 80.000 Euros
1990-1991	Senior Consultant in the development of the new Information System of the Trentino-South Tyrol Region Authority (approx. 800 workstations) – Budget 240.000€
1990-1991	Project Manager and Developer of a software solution for the recording and analysis of the behavior of users that utilize multimedia products, finalized to the study of disorientation problem in hypertextual navigation, Department of Computer and Management Sciences, University of Trento − Budget 24.000€
1991	Project Manager of the initiatve for the creation of a hypertextual system for management project "School-Workplace", for the Regional Board of Education – Province of Trento – Budget: 40.000€
1990	Project Manager for the development of a hypermedia system on Computer Supported Cooperative Works (CSCW), Department of Computer and Management Sciences – University of Trento – Budget 120.000€
1988-1989	Project Manager and researcher for FFB Electronics (Scotland, UK) for the creation of an Information Retrieval system. Analysis and design of the indexing algorithm of the retrieval engine, in C language − Budget 1.200.000€)

## **Other Professional Experiences**

Since 2010	CTO for Okkam s.r.l. in the development of Al-related software solutions multinational corporations, public administrations and private companies (Unicredit, BancaSella, ACI Italia, ISTAT, AirDolomiti, Assicurazioni Generali, Lombardia Informatica, PriceWaterhouse Italia, Engineering Tributi, Municipia, Alysso, Expert System, Expert Al, APT Trento, Adige, ASCOM Veneto, Soris, Trentino Riscossioni, CourtsDesk, Trentino Trasporti)
Since 2000	Project Manager / instructor for Enterprise Project Management and software solutions development in VB.NET / C# for multinational corporations, public administrations and private companies (GlaxoSmithKline, Luxottica, Magneti Marelli, Breton, Autonomous Province of Trento, Seeber, Solvay, Ingenico, ENAV, University of Trento, DieBold, Gambarotta, Girpa, Carel, Breton, Honyvem, Kion, Università Cattolica, Trentino Network, Dolomiti Energia / Novareti, Energy Business, SAIT, IBT, Coop Alleanza 3.0, Trentino Sviluppo, Zucchetti, CBA, Capone, Dimension, Machineria)
Since 2009	Senior consultant COSMAN srl – Trento in the field of cost savings, oriented towards the optimizations of Information Systems and Project Management costs (Sacmi group, Bologna Airport, Tosoni Group, Coop Estense, Boscolo Hotels, Unicoop, AVE, Generali Assicurazioni, Coop Adriatico, Coop Tirreno, Bologna Fiere, Cedacri, Ikea, Conad Adriatico, Farmacie Ravenna, Nexive, Unipol, Esprinet, Elica, SMC, University of Bolzano)
2022-2024	Project Manager - University of Trento – Department of Industrial Engineering – Development of the I-STAR (Sport, Technology and Research) laboratory.
2021-2022	Senior Consultant for Trentino Sviluppo S.p.A Analysis of the Customer Relationship Management System
2020-2021	Senior Consultant for Magnifica Comunità di Fiemme - Feasibility study and design of a new Information System for the different organizations part of the Magnifica Comunità
2020	Senior Consultant for Trentino Sviluppo S.p.A Virtual Events Management platform feasibility study (analysis of the reference market, analysis of the technical characteristics of the platforms, analysis of needs)
1998 – 2019	Responsible of the development team of the Laboratory of Maieutics of the University of Trento (Italy) (development of research and experimental prototypes on distance learning). Software architect and Project Manager at the Faculty of Economics of the University of Trento, for the project "Online Communities", creation of an e-learning portal for educational institutions written C# in ASP.NET CORE / WEB API.



2018 - 2019 2015 - 2018	Software architect for the new platform "Shaper2.0" – a web platform for cost management created for Cosman s.r.l. Responsible for the global initiative of IEEE – New York – creation and delivery of four Massive Open Online Courses (MOOCs) on smart cities topics
2013 - 2014 2012 – 2014	Senior consultant for Trento Rise – Museum of Science for the creation of the multimedia guide of the museum Senior consultant in Project Management for the Autonomous Province of Trento – General Secretariat – for the management of the acceleration process of public works (approx. 600 public works – 400M€)
2012- 2014	Responsible for the whole Information System of the "Universiade 2013", held in Trentino in December 2013. Universiade is the Olympic games for university athletes, organized by the International University Sports Federation, and involves almost 3.000 athlets from all over the world
2012- 2014	Coordinator for all the Program and Project Management activities of the "Universiade 2013", held in Trentino in December 2013. Universiade is the Olympic games for university athletes, organized by the International University Sports Federation, and involves almost 3.000 athlets from all over the world
2012	Senior consultant for the Trentino Regional Parliament for the assignment of the whole web site of the Public Administration
2011 - 2014	Senior consultant in Project Management for Trentino Network S.p.A – Trento, for the creation of the Project Management Office of the company, and the installation of the Enterprise Project Management platform
2011	Design and realization of multimedia learning material for e-learning training titled "Electronic Certified email and digital signature" for the Chamber of Commerce of Trento, Italy
2010–2012	Senior consultant in Project Management for the Autonomous Province of Trento –Public Works Departments– for the creation and deployment of the Project Management system in order to manage all the projects of the Department in the public work field
2012	Senior Consultant for Energybusiness srl- Trento for the creation di un sistema di Enterprise Project Management
2011	Invited Speaker at the Sharepoint and Office Conference 2011, Milano 19-21 april 2011, with a speech titled "Enterprise Project Management with SharePoint" (http://www.sharepointconference.it/events/2011/speakers.aspx)
2011	Project Manager for the creation of multimedia online material for e-learning courses regarding Digital Signature and Certified Electronic Email for the Chamber of Commerce of Trento
2009	Senior consultant for the Evaluation Committee for the quality in the Italian Educational System – Autonomous Province of Bozen
2008	Senior consultant withi the European project "OKKAM" with the commitment of technology watcher
2007	Project Leader in the development team of the Web portal of the EU initiative "Leader plus" for GAL (Gruppo di Azione Locale)
2004 – 2005	Senior Consultant in the project for the creation of a software for managing XBRL standard – Dept. Of Computer and Management Sciences - University di Trento
2001 – 2006	Senior Consultant for the Autonomous Province of Trento regarding the congruity evaluation of new information Systems developed inside the Electronic Provincial Information System (SIEP)
2003 – 2011	Member of the International Team of beta tester for the Project Management products of Microsoft Corp., Redmond (USA): Microsoft Project, Microsoft Project Server, Portfolio Server in versions 2002, 2003, 2007, 2010
2004 – 2005	Member of the International Team of beta tester for Microsoft Office 2007 of Microsoft Corp., Redmond (USA)
2003 – 2006	Consultant for the Department of Computer and Management Science of the University of Trento regarging computer tools and techniques for Management Control in the Public Bodies
2003 – 2005	Project Manager for the Autonomous Province of Trento for e-learning management and redesign of the training courses catalogue (about 5.000 persons involved in the courses)
2001 –2006	Senior Consultant for the Autonomous Province of Trento - evaluation of economic congruity of new information systems and ICT projects
1999 – 2005	Senior Consultant for the Autonomous Province of Trento on the creation of the new Budget Information System (the system will manage a budget of about 3.400 Millions Euros)
2003 -2004	Senior Consultant - Modernisation of the network of the Council of the Autonomous Province of Trento
2003 - 2004	Project Manager of the project of distance learning for the Provincial Union of the Assistance Institutions, Trento
2003 -2004	Responsible for ICT area of the SAVE project on behalf of Academy of Trade and Tourism – Trento
2003-2004	Senior Consultant for the Autonomous Province of Trento on the migration of workstations from Windows NT to Windows XP (about 4.000 clients)
2003	Senior Consultant for the Autonomous Province of Trento about the evaluation of the executive plan for the new mobility and public transportation system
2003	Senior Consultant for the Department of Computer and Management Science of the University of Trento (Italy) on the Business Intelligence system of the Autonomous Province of Trento
2004	Senior Consultant - Modernisation of the network of the Council of the Autonomous Province of Trento
2003 –2004	Project Manager for the Distance Education project of the Institution for Coordination of Public Charitable Institution,
	Trento (Italy)





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Curriculum Vitae Andrea Molinari

1990	Design and development of a hypertext regarding the themes of Computer Supported Cooperative Works (CSCW), for the Department of Computer and Management Science of the University of Trento (Italy)
1989-1990	Design and development of a statistical package for the management of sales, the analysis of relative trends and the productivity of the sales force
1989	Design and development of a conversion package from IBM/36 to PC
1988-1989	Senior Consultant for FFB Electronics (Scotland, UK) for the creation of an Information Retrieval system. Analysis and Design of indexing algorithms for the Information Retrieval Engine. Responsible of the development team for the core procedure of the indexing module in C language.
1987	Design a development of a procedure for the complete automation of an estate agency
1987	Design and development of a procedure for business management of an import/export company
Since 1987	Consultant for various italian SMEs on Information system design and/or remaking
1986	Consultant for some local independent TV and Radio stations in analysing and creating palimpsest automation procedures
1985 - 1991	Teacher in refresher courses on innovative topics for italian High School teachers and headmasters
1984-1986	Development of invoicing procedures for Personal Computer and porting into UNIX environment
1984 – 1990	Courses on different computer science topics in different italian companies (400 hours/year on average): see Section of Training experiences for details
1983	Design and Development of an accounting procedure for Apple system (in BASIC)
1982-1985	Design and development of a warehousing procedures for Apple (BASIC)computers, IBM (COBOL) and Sperry (Cobol Unix) minicomputers
1980-1982	Design and development of an accounting procedure for the warehouse of Italian Railways (FFSS) on Hewlett Packard 3000 series, developed in Fortran for Siemens Data S.p.A.
Since 1980	Development of various Information Systems for Italian SMEs in the industrial and tertiary sectors, from database

Smalltalk, Delphi, Openscript, Visual Basic, T-SQL, Html+Asp, Asp.Net, Vb.Net, C#)

## **Personal Competences**

## Mother Toungue Other Known languages

## Italian

Understanding			Speaking				Writing	
Listening		Reading	Spoken interaction		Spoken production			
ENGLISH	C1	C1		C1		C1		C1
GERMAN	A2	A2		A2		A2		A2

## Certification: C1 Level - Cambridge Certificate in Advanced English (CAE)

design to implementation in different 3rd and 4th generation languages (Basic, C, Cobol, Fortran, Pascal, Clipper;

## Communication Competences

Excellent communicative skills acquired during the multi-annual work experience, the responsibilities of ICT-related projects and the activity of University lecturer in four different universities since 1990 (Trento, Bolzano, Abo Akademi – Turku (Fin) and University of Turku (Fin)).

# Organizational and Management Competencies

Excellent organizational and managerial skills, consolidated within the work experience of project Manager on corporate projects and financed projects (FP4, FP5, FP6, FP7, H2020, European Institute of Technology (EIT)) and trainer on Project Management, both in business areas (courses for CAPM/PMP<sup>TM</sup> Certification), and in Academia (University courses and doctoral schools on issues related to ICT and Project Management). Management skills of team working, specifically teams in the software development domain, developed through the management of software development groups (5-20 people) at the University of Trento since 1990, and software development groups in the business environment through the responsibility of CTO at Okkam Srl, spinoff of the University of Trento and Fondazione Bruno Kessler (FBK). He has been responsible from 2012 to 2014 of the ICT department and the Project Management Office of the XXVI Winter Universiades.

## **Professional Competencies**

The professional comptencies have developed from the initial role of analyst and software developer in research groups, to roles of responsibility in the field of research groups, and consultancy activities in the field of advanced information technology, particularly related with process re-engineering, Internet applications related to project management and e-learning. Since 1990 he is university lecturer in Information & Communication Technology and Project Management at the University of Trento, since 2003 at the Free University of Bolzano and since 2007 at the Abo Akademi and University of Turku,





Finland. Early adopter and Microsoft Project Beta tester since 1990, beta tester of the project Server platform since 2002, has worked as a consultant and project manager in the field of tools and technologies to support Enterprise Project activities and Portfolio Management. In addition to professional and academic skills, since 2010 he is co-founder and vice-president of Okkam s.r.l., a spinoff of the University of Trento and the Fondazione Bruno Kessler in Trento, which develops advanced solutions of data integration using semantic technologies. In, Okkam, he is the CTO taking care of the governance of the company's project portfolio, of the development team and of strategic choices about the technologies used in the company

#### **IT Competencies**

Excellent knowledge in the field of full-stack software development (.NET, ASP.NET, C #, VB.NET, Angular-JS, Bootstrap), modeling (ER, UML) and programming of RDBMS (T-SQL, PL / SQL), design of advanced software architectures and solutions through modern software engineering methodologies (UML, Agile)

Excellent knowledge of client-side and server-side tools in project management (Microsoft Project, Microsoft Project Server, Sharepoint)

Excellent mastery of the concepts and tools of management and administration of Microsoft back-office tools (Windows Server, SQL Server, Active Directory, Sharepoint)

Excellent mastery of Microsoft Office tools, both in terms of usage and programming

Excellent knowledge on semantic data integration pipeline through the use of Hadoop ecosystem and ELK (ElasticSearch, LogStash and Kibana)

#### Declaration

Dichiaro che le informazioni contenute nel presente documento vengono rese ai sensi e per gli effetti degli artt. 46 e 47 del DPR 445/2000.

Trento, 1 November 2024