

# CURRICULUM VITAE

## Mazza Riccardo

May - 2015

### PERSONAL DETAILS

<i>Name</i>	Mazza Riccardo
<i>URL</i>	<a href="http://web.dti.supsi.ch/~mazza/">http://web.dti.supsi.ch/~mazza/</a>

### ACADEMIC TRAINING

<i>Oct. 1999 – Jun. 2004</i>	Ph.D. in Communication Sciences, Università della Svizzera Italiana/University of Lugano (Switzerland). Title of the dissertation: “ <i>Using Information Visualisation to Facilitate Instructors in Web-based Distance Education</i> ”. Supervisor of the research work: Prof. Marco Colombetti. Advisor: Dr. Vania Dimitrova, Leeds. Final mark: <i>Magna cum laude</i>
<i>Oct. 2002 – Mar. 2003</i>	University of Leeds (UK). School of Computing, Informatics Research Institute. Visiting student working on the Ph.D. research.
<i>Sept. 1995 – Jul. 1996</i>	Postgraduate specialisation (one year) in Information Technology, CEFRIEL Consortium of Politecnico of Milan, Italy, in the Advanced Information System Application Area (AISA). Final mark: 100/100.
<i>1988-1997</i>	Laurea Degree (equivalent to BSc & MSc) in Computer Science, University of Pisa, Italy. Thesis title: “ <i>A system enabling hand gesture recognition</i> ”. Supervisor: prof. Antonina Starita. Final mark: 103/110.
<i>1988</i>	High School degree achieved at Liceo Scientifico “Leonardo” in Giarre (CT), Italy.

### FOREIGN LANGUAGES

<i>English</i>	Reading & writing: Higher Intermediate (European C1 level) conversation: Intermediate (European B2 level)
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### CURRENT EMPLOYMENT

<i>Nov. 1997 - current</i>	Università della Svizzera Italiana/University of Lugano, faculty of Communication Sciences (USI-COM): <i>researcher</i> . <a href="http://www.com.usi.ch">http://www.com.usi.ch</a>
<i>Sep. 1999 – current</i>	Scuola universitaria professionale della Svizzera italiana (SUPSI-DTI) – Manno (Switzerland), department of innovative technologies: <i>lecturer and researcher</i> . <a href="http://www.supsi.ch/dti">http://www.supsi.ch/dti</a>

### PREVIOUS APPOINTMENTS

<i>Sep. 2004 – Sept. 2007</i>	Università della Svizzera Italiana/University of Lugano, faculty of Informatics (USI-INF): <i>PostDoc teaching assistant</i> . <a href="http://www.inf.usi.ch">http://www.inf.usi.ch</a>
<i>Jan. 1997 – Jul. 1999</i>	Researcher at Centro CEFRIEL of Milano (Italy), with activities in the

<i>Jul. 2001- Dec. 2013</i>	following fields: developing applications for the Web, PUSH Technologies, tutoring IT master students. Telos Internet Solutions SAGL, Lugano (Switzerland) - Startup working in the fields of eLearning and Web communications. <i>Founder and technical developer</i> . <a href="http://www.telos-internet.ch">http://www.telos-internet.ch</a> .
<i>Feb. 1997 – Jul. 1997</i>	Part time freelancer, Internet/Intranet consultant, and Web developer.

## AWARDS

<i>2004</i>	Best Alternate Tracks Paper Award. 13 <sup>th</sup> International World Wide Web Conference (WWW 2004). New York May 17-22.
<i>1998</i>	“1 <sup>st</sup> Silicon-Cray Award”, supported by Silicon Graphics Italia & Cray Research. Special mention for the work with title: "Un sistema per il riconoscimento di comandi gestuali".

## PROFESSIONAL TRAINING

<i>2015</i>	<i>University Teaching 101</i> . 6 week online non-credit course run by Johns Hopkins University and offered through Coursera. Certificate available at: <a href="https://www.coursera.org/account/accomplishments/certificate/5XRUZWUVH9">https://www.coursera.org/account/accomplishments/certificate/5XRUZWUVH9</a>
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## TEACHING RECORD

<i>2014-15</i>	SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher.
<i>2013-14</i>	SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher.
<i>2012-13</i>	SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher.
<i>2011-12</i>	USI-COM: Course “ <i>Information Visualisation</i> ”, teacher. SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher.
<i>2010-11</i>	USI-COM: Course “ <i>Rappresentazione grafica delle informazioni (Information Visualisation)</i> ”, teacher. SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher. Postgraduate course “ <i>Linguaggi per pagine Web</i> ”, teacher. Postgraduate course “ <i>Fondamenti di grafica e compressione video</i> ”, teacher.
<i>2009-10</i>	USI-COM: Course “ <i>Information Visualization</i> ”, teacher. SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher.
<i>2008-09</i>	SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher.
<i>2007-08</i>	USI-COM: Course “ <i>Rappresentazione grafica delle informazioni (Information Visualisation)</i> ”, teacher. USI-INF: Course “ <i>Information and Knowledge Management II (Information retrieval)</i> ”, assistant. Head of the course: prof. Fabio Crestani.
<i>2006-07</i>	SUPSI-DTI: Course “ <i>Computer Graphics</i> ”, teacher. USI-INF: Course “ <i>Software Atelier I</i> ”, assistant, head of the course prof. Mauro Pezzè. Course “ <i>Information and Knowledge Management II (Information retrieval)</i> ”, assistant. Head of the course: prof. Fabio Crestani. SUPSI-DTI: Postgraduate course “ <i>Strumenti e metodi per la rappresentazione grafica dei dati (Information visualisation)</i> ”, teacher.

2005-06	USI-COM:	Course “ <i>Rappresentazione grafica delle informazioni (Information Visualisation)</i> ”, teacher.
	USI-INF:	Course “ <i>Software Atelier I</i> ”, assistant. Head of the course prof. Michele Lanza & prof. Matthias Hauswirth.
2004-05	USI-COM:	Course “ <i>Rappresentazione grafica delle informazioni (Information Visualisation)</i> ”, teacher. Course “ <i>Informatica II</i> ”, assistant, head of the course prof. Gabriella Pasi. Course “ <i>Basi di dati</i> ”, assistant, head of the course, prof. Stefano Ceri.
	USI-INF:	Courses “ <i>Software Atelier I/II</i> ”, assistant. Head of the course prof. Mehdi Jazayeri.
	SUPSI-DTI:	Course “ <i>Programmazione e linguaggi</i> ”, teacher. Postgraduate course “ <i>Strumenti e metodi per la rappresentazione grafica dei dati (Information visualisation)</i> ”, teacher. Progetti di semestre (Supervised 4 students).
2003-04	USI-COM:	Course “ <i>Informatica II</i> ”, assistant, head of the course prof. Gabriella Pasi. Course “ <i>Basi di dati</i> ”, assistant. Head of the course, prof. Stefano Ceri.
	SUPSI-DTI:	Course “ <i>Programmazione e linguaggi</i> ”, teacher. Progetti di semestre (Supervised 4 students).
2002-03	USI-COM:	Course “ <i>Informatica II</i> ”, assistant. Head of the course prof. Gabriella Pasi.
	SUPSI-DTI:	Course “ <i>Linguaggi di programmazione</i> ”, teacher. On-line postgraduate course “ <i>Introduction to Java</i> ”, teacher
2001-02	USI-COM:	Course “ <i>Elementi di programmazione</i> ”, assistant. Head of the course ing. Giampaolo Cugola.
	SUPSI-DTI:	Course “ <i>Linguaggi di programmazione</i> ”, teacher. Progetti di semestre (Supervised 2 students). On-line postgraduate course “ <i>Introduction to Java</i> ”, teacher
2000-01	USI-COM:	Course “ <i>Elementi di programmazione</i> ”, assistant. Head of the course ing. Giampaolo Cugola.
	SUPSI-DTI:	Progetti di semestre (Supervised 4 students). Progetti di diploma (Supervised 2 students). On-line postgraduate course “ <i>Introduction to Java</i> ”, teacher.
1999-2000	USI-COM:	Course “ <i>Complementi di informatica</i> ”, assistant. Head of the course prof. Marco Tommasini.
	SUPSI-DTI:	Course “ <i>Esercitazioni di informatica</i> ”, teacher.

#### BSC. THESES SUPERVISED:

- Daniele Gallan. "Gestione documenti PDF con annotazioni per dispositivi Mobile". SUPSI-DTI, 2012
- Livio Patrick. "Applicazione smartphone per il supporto a medici e infermieri". SUPSI-DTI, 2012
- Roberto Guidi. " Creazione lettore streaming audio via API Soundcloud". SUPSI-DTI, 2010
- Fabio Sodani. "Emor mapping project". SUPSI-DTI, 2010
- Diego Pinoli, “Architettura di commercio elettronico basata sul recommendation engine B-RANK”. SUPSI-DTI, 2010
- L. Marchesi, “Pannello di controllo dinamico per la visualizzazione di dati da database”. SUPSI-DTI, 2009.

- R. Künzle, “Catalogo Beni Culturali”. SUPSI-DTI, 2009.
- Mauro Nidola, “Interfaccia grafica per il controllo delle attività sulla piattaforma di e-learning moodle”. SUPSI-DTI 2005.
- Omar Grippaldi, “Editor visuale per la creazione di corsi tramite la composizione di Learning Objects”, SUPSI-DTI 2005.
- Andrea Allio, “Generatore di codice per editor di diagrammi di flusso”, SUPSI-DTI 2004.
- Mattia Bardelli, B.Sc., “Trasmissione di stream di dati XML sicuri in internet”, SUPSI-DTI, 2001.
- Poma Giosia, B. Sc., “Realizzazione di procedure per l’esportazione di dati da WebCT”, SUPSI-DTI, 2001.

## MSC. THESES SUPERVISED:

- Claudio Arrivoli. *Sviluppo di un’applicazione web per la creazione di serie di esercizi*. Diploma of Advanced Studies in informatica per docenti delle scuole medio superiori. SUPSI-DTI, Dicembre 2013.
- Andrea Rainelli. *Costruzione di una banca dati per le sostanze chimiche*. Diploma of Advanced Studies in informatica per docenti delle scuole medio superiori. SUPSI-DTI, Dicembre 2013.
- Claudio Iovino. *Nuovi metodi di visualizzazione dei risultati dei motori di ricerca: Implementazione e valutazione di tecniche innovative*. Università degli Studi di Milano Bicocca, Corso di Laurea Magistrale in Informatica, giugno 2008 (co-advisor).
- Marco Ferrari. *Nuovi Metodi Di Visualizzazione Dei Risultati Dei Motori Di Ricerca: Definizione Di Tecniche Innovative*. Università degli Studi di Milano Bicocca, Corso di Laurea Magistrale in Informatica, giugno 2008 (co-advisor).
- Ivan Spano. *Social network & motori di ricerca: una proposta di integrazione per l’aiuto ai bambini nella ricerca di informazioni in internet*. USI-COM, December 2007.
- Alessandra Berrè. *Metodi empirici per la valutazione di rappresentazioni grafiche*. USI-COM. September 2007.
- Mahdi A. Mezher, M.Sc., “*Developing Web Services With Java*”, SUPSI, October 2002

## RESEARCH PROJECTS

### Centro CEFRIEL of Milano (1997 – 1999):

- Project “*ORCHESTRA*” funded by Telecom Italia, technical consultant for implementing functionalities of Computer & Telephone Integration - 1997
- Tutoring students at the master course in information technology – Sept. 97 – July 98.

### Università della Svizzera italiana (since 1997):

- **MOCLog – Monitoring Online Courses with Logfiles**  
*Funding:* AAA/SWITCH – e-infrastructure for e- science” programme under the leadership of SWITCH, the Swiss National Research and Education Network, supported by funds from State Secretariat for Education and Research (SER).  
*Role:* Collaborator, expert in visual representations.  
*Duration:* Jan. 2011 – June. 2012.
- **GRAPPLE: Generic Responsive Adaptive Personalized Learning Environment.**  
*Funding:* European Union, programme FP7-IST (Strep)  
*Role:* coordinator at the University of Lugano and Work Package leader.  
*Duration:* Feb. 2008 – Jan. 2011.
- **Moodle notifications.**  
*Funding:* AAA/SWITCH – e-infrastructure for e- science” programme under the leadership of

SWITCH, the Swiss National Research and Education Network, supported by funds from State Secretariat for Education and Research (SER).

*Role:* Project leader.

*Duration:* ago. 2010 – dic. 2010.

- **GISMO:** a Graphical Interactive Student Monitoring System for Moodle.  
*Funding:* AAA/SWITCH – e-infrastructure for e- science” programme under the leadership of SWITCH, the Swiss National Research and Education Network, supported by funds from State Secretariat for Education and Research (SER).  
*Role:* Project leader.  
*Duration:* giu. 2009 – apr. 2010.
- **Moodle SMS Gateway,** A SMS gateway for the Moodle Learning Management System.  
*Funding:* AAA/SWITCH – e-infrastructure for e- science” programme under the leadership of SWITCH, the Swiss National Research and Education Network, supported by funds from State Secretariat for Education and Research (SER).  
*Role:* Project leader.  
*Duration:* sett. 2008 – dic. 2008.
- **Viz.ch (An E-learning Course on Visual Literacy for Communication, Engineering and Business)**  
*Funding:* Swiss University Conference for the national programme “Swiss Virtual Campus”.  
*Role:* Instructional designer and content creator.  
*Duration:* Jan. 2006 – Dec. 2007.
- **The Fundamental Programming Modules Online Course**  
*Funding:* Swiss University Conference for the national programme “Swiss Virtual Campus”.  
*Role:* Instructional designer and content creator.  
*Duration:* Jan. 2006 – Dec. 2007.
- **PENG (Personalised News content programming)**  
*Funding:* European Union FP6-IST (Strep)  
*Role:* collaborator.  
*Duration:* Oct. 04 – Sept. 06.
- **EDUKALIBRE (Libre Software Methods for E-Education)**  
*Funding:* European Union Minerva.  
*Role:* coordinator at the University of Lugano.  
*Duration:* Oct. 2003 – Dec. 05.
- **Swisscast**  
*Funding:* Swiss National Research Foundation.  
*Head of the project:* prof. Murizio Decina.  
*Role:* technical developer.  
*Duration:* Sep. 97 – Aug. 99.

#### **Scuola Universitaria Professionale della Svizzera italiana (Since 1999):**

- **Delivering E Learning Accreditation to Reduce Occupational Stress in Employment (DE LA ROSE)**  
*Funding:* European Union, Lifelong Learning Programme, Leonardo da Vinci - Transfer of Innovation.  
*Role:* Collaborator, expert in the field of Information Technologies for Education  
*Durata:* Oct. 2014 - Sept. 2016.
- **OmniProfiler**  
*Funding:* Swiss National Confederation’s innovation promotion agency (CTI).  
*Role:* Collaborator.  
*Duration:* Mar. 2014 – Jan. 2016

- **Psychometric Recommendation Engine (PRE) for multimedia service platforms**  
*Funding:* Swiss National Confederation's innovation promotion agency (CTI).  
*Role:* Collaborator.  
*Duration:* Mar. 2014 – Sep. 2015
- **Skill profiler - competence management of soft skills**  
*Funding:* AAA/SWITCH – "e-infrastructure for e- science" programme under the leadership of SWITCH, the Swiss National Research and Education Network, supported by funds from the Federal Office for Professional Education and Technology (OPET).  
*Role:* Collaborator, coordinated the design and the development of the skill profiler tool.  
*Duration:* Jan. 2012 - Dec. 2012.
- **Moodle Offline**  
*Funding:* AAA/SWITCH – e-infrastructure for e- science" programme under the leadership of SWITCH, the Swiss National Research and Education Network, supported by funds from the Federal Office for Professional Education and Technology (OPET).  
*Role:* Project manager.  
*Duration:* Aug. 2011 - Mar. 2012.
- **Lifelong Learning Transfer: Strategy Development & Competence Management**  
*Funding:* AAA/SWITCH – e-infrastructure for e-science" programme under the leadership of SWITCH, the Swiss National Research and Education Network, supported by funds from Federal Office for Professional Education and Technology (OPET).  
*Role:* Collaborator, responsible for technical aspects.  
*Duration:* Jan. 2011 – Feb. 2012.
- **Stagend.com:** un social network che mette in relazione gli attori della scena musicale indipendente (bands, locali, eventi live e fans) e semplifica le interazioni, la comunicazione, la messa in contatto e la gestione dei rapporti nel mercato musicale.  
*Funding:* Swiss National Confederation's innovation promotion agency (CTI).  
*Role:* Project manager.  
*Duration:* settembre. 2010 – febbraio 2012
- **IRCS Water**, Sistema software intelligente di Indicizzazione, Ricerca e Consultazione Semantica.  
*Funding:* Swiss National Confederation's innovation promotion agency (CTI).  
*Role:* Collaborator.  
*Duration:* June. 2008 – Dec. 2009.
- **MACS (continuous education modules)**  
*Funding:* Swiss University Conference for the national programme "Swiss Virtual Campus".  
*Role:* Instructional designer and teacher of the on-line course "Java programming".  
*Duration:* Oct. 2000 – Sept. 2003.
- **SWISSLING (A Swiss Network of Linguistics Courseware)**  
*Funding:* Swiss University Conference for the national programme "Swiss Virtual Campus".  
*Role:* Coordinator at SUPSI and technical responsible.  
*Duration:* Oct. 2000 – Dec. 2003.

## PROFESSIONAL ACTIVITIES

### Organising Committee Member

- The 15th IEEE International Conference on Advanced Learning Technologies - ICALT2015 - Track 7. Big Data in Education and Learning Analytics (BDELA@ICALT2015)
- The 14th IEEE International Conference on Advanced Learning Technologies - ICALT2014 - Track 7. Big Data in Education and Learning Analytics (BDELA@ICALT2014)
- Workshop on Free and Open Source Learning Environments and Tools (FOSLET06), Como (Italy), June 10<sup>th</sup>, 2006. <http://www.elab.usilu.net/FOSLET06>.
- 4th international conference on new educational environments, Lugano, Switzerland, May 2002

## Reviewing Activities for international journals and editors

- Information visualization Journal, SAGE, 2012
- ACM Transactions on Interactive Intelligent Systems (TiiS), 2011.
- IEEE Computer Graphics and Applications, 2011
- IEEE Transaction on industrial informatics, 2011
- International Journal of Bio-Inspired Computation (IJBIC), 2011
- Springer Verlag, reviewer of a book proposal, 2010
- IEEE Transactions on Visualization and Computer Graphics, 2010
- Journal of Educational Technology & Society, 2007, 2008, 2009, 2010, 2011, 2012, 2014.
- International Journal of Artificial Intelligence in Education, 2006.
- International Journal “Studies in Communication Sciences”, 2005.
- IEEE’s Transactions on Learning Technologies, 2008
- Journal of Universal Computer Science, 2009

## Reviewing Activities for international conferences

- EDM 2015 - The 8th International Conference on Educational Data Mining. June 26, 2015 - June 29, 2015. UNED, Madrid, Spain
- ICALT2014 - The 14th IEEE International Conference on Advanced Learning Technologies - Adaptive and Personalised Technology-Enhanced Learning (APTeL@ICALT2014)
- ITS2014 - 12th International Conference on Intelligent Tutoring Systems, June 5-9, 2014. University of Hawaii at Manoa, USA.
- LAK 2014 - Learning Analytics and Knowledge Conference, March 24 -28, 2014 Indianapolis, USA.
- EDM 2013 - The 6th International Conference on Educational Data Mining, July 6 - July 9, Memphis, Tennessee, USA.
- LAK 2013 - Learning Analytics and Knowledge Conference 8-12 April 2013, Leuven, Belgium
- IV2012 - 16th International Conference on Information Visualisation, 10-13 July, 2012, Montpellier, France.
- EDM 2012 - The 5th International Conference on Educational Data Mining, June 19, 2012 - June 21, 2012, Chania, Greece
- ITS2012 - 11th International Conference on Intelligent Tutoring Systems, June 16-17-18, 2012. Chania, Crete, Greece.
- LAK2012- 2nd International Conference on Learning Analytics and Knowledge, 29th April -2nd May 2012 in Vancouver, British Columbia, Canada (Programme committee member). <http://lak12.sites.olt.ubc.ca>.
- EDM2011: Fourth International Conference on Educational Data Mining. Eindhoven, the Netherlands. July 6-8, 2011. <http://educationaldatamining.org/EDM2011/>
- DAH’11:International Workshop on Dynamic and Adaptive Hypertext: Generic Frameworks, Approaches and Techniques. A workshop of the ACM Hypertext 2011 Conference. Eindhoven, June 6-9, 2011. <http://www.ht2011.org>
- VISWEEK2011 - 22nd IEEE Visualization Conference, 23 - 28 OCTOBER, 2011 PROVIDENCE, RHODE ISLAND, USA. <http://visweek.org/>
- LAK2011- 1st International Conference on Learning Analytics and Knowledge, February 27-March 1, 2011 in Banff, Alberta (Programme committee member). <https://tekri.athabascau.ca/analytics/>.
- CISIS-2011-International Conference on Complex, Intelligent, and Software Intensive Systems, June 30th - July 2nd, 2011 at Korean Bible University (KBU), Seoul, South Korea. (Programme committee member). <http://www.takilab.org/conf/cisis/2011/>.
- Tenth International Conference on Intelligent Tutoring Systems (ITS 2010), June 14 - 18, 2010, Pittsburgh (Programme committee member)

- LMS-ALE-09. 1<sup>st</sup> Workshop "Learning Management Systems meet Adaptive Learning Environments", European Conference on Technology-Enhanced Learning (EC-TEL'2009), September 29, 2009. Nice, France.
- DAH'09: International Workshop on Dynamic and Adaptive Hypertext: Generic Frameworks, Approaches and Techniques. Workshop of The ACM Hypertext 2009 Conference. <http://www.win.tue.nl/~mpechen/conf/dah09/>. (Programme committee member)
- 13<sup>th</sup> International Conference Information Visualisation (IV09). 14 - 17 July 2009. Barcellona.
- The 14<sup>th</sup> International Conference on Artificial Intelligence in Education (AIED2009), July, 8<sup>th</sup> – 10<sup>th</sup>, Brighton, UK. <http://www.aied2009.com> (Programme committee member)
- Workshop on Visual Data Mining, part of Modelling, Computation and Optimization in Information Systems and Management Sciences (MCO'08), September 8-10, 2008, Metz, France, <http://www.lita.univ-metz.fr/~mco08>.
- 12<sup>th</sup> International Conference Information Visualisation (IV08). 8 - 11 July 2008. London.
- 11<sup>th</sup> International Conference Information Visualisation (IV07). 2 - 6 July 2007. Zurich.
- SAC-IAR 2007: ACM Symposium on Applied Computing - Track on Information Access and Retrieval. <http://www.cis.strath.ac.uk/external/SAC2007>.
- 10<sup>th</sup> International Conference Information Visualisation (IV06). 5, 6, 7 July 2006. London.
- Seventh International Conference on Flexible Query Answering Systems, 7th - 10th June 2006, Milano, Italy
- Informing Science + Information Technology Education Joint Conference InSITE, 2006. June 25-28, 2006 Greater Manchester, England
- SAC-IAR 2005: 20th Symposium on Applied Computing. Special track on Information access and retrieval. (<http://www.cis.strath.ac.uk/external/SAC2005/>).

### PhD defence jury

- External examiner for the examination of doctoral degree in Computer Science at School of Computer Science, Trinity College, Dublin (Ireland): John McAuley, *Using visualisation to support Reflective Community Design*. April 2014.
- External examiner for the examination of doctoral degree in Computer Science at School of Computer Science, Trinity College, Dublin (Ireland): Cormac Hampson, *An expert-supported approach to data exploration*. September 2011.
- External examiner for the examination of doctoral degree in Information Technology at the National Institute of Applied Sciences (INSA) of Lyon (France): Madeth MAY, *Using Tracking Data as Reflexive Tools to Support Tutors and Learners in Distance Learning Situations: an Application to Computer-Mediated Communications*. 4th of December 2009.

### Invited talks

- Monitoring Distance Education Students with the GISMO tool. Jornada Técnica sobre Software Libre y Educación. Universidad Rey Juan Carlos, campus de Móstoles. 2 Diciembre, 2005.
- Software Libero e modelli Open Content nella didattica. Open Source Software 2005, International Symposium. Padova 14-16 Aprile 2005
- Formazione continua e classe virtuale: l'apprendimento di un linguaggio di programmazione tramite tecnologie di formazione a distanza. Conferenza eLearning, tra mito e realtà. Conferenza della Svizzera italiana per la formazione continua degli adulti (CFC) e associazione svizzera mantello della formazione continua degli adulti (FSEA), giornata di studio. Lugano, 23 Novembre 2004.

### RESEARCH INTEREST

- Information Visualization



- Student modeling and external graphical representations in distance education

# PUBLICATIONS

## Mazza Riccardo

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### Books:

- B2. Riccardo Mazza. *Introduction to Information Visualization*. 2009. Springer-Verlag London. ISBN: 978-1-84800-218-0. DOI: 10.1007/978-1-84800-219-7. URL: <http://www.springer.com/computer/user+interfaces/book/978-1-84800-218-0>
- B1. Riccardo Mazza. *La rappresentazione grafica delle informazioni*. Apogeo Editore, Milan (2007). ISBN: 978-88-503-1043-2. URL: <http://www.apogeeonline.com/libri/88-503-1043-9/scheda>. Companion Website: <http://www.riccardomazza.it/infovis/ebook>.

### Books Chapters (with peer review) :

- C4. Luca Mazzola, Riccardo Mazza. Moodle e la verifica dell'uso delle risorse. In: Matteo Baldoni, Cristina Baroglio, Sandro Coriasco, Marina Marchisio, Sergio Rabellino (eds). *E-learning con Moodle in Italia: una sfida tra passato, presente e futuro*. Seneca Edizioni (2011). ISBN 978-88-6122-269-4.
- C3. Riccardo Mazza. Visualization in Educational Environments. In: Cristobal Romero, Sebastian Ventura, Mykola Pechenizkiy, Ryan Baker (eds). *Handbook of Educational Data Mining*. CRC Press (2010). pp. 9-26. ISBN: 978-1-4398-0457-5. DOI: 10.1201/b10274. URL: <http://www.crcnetbase.com/doi/book/10.1201/b10274>.
- C2. Dominique Brodbeck, Riccardo Mazza and Denis Lalanne. Interactive Visualization - A Survey. In: Lalanne, Denis; Kohlas, Jürg (Eds.). *Human Machine Interaction, Research Results of the MMI Program*. Springer-Verlag, Berlin (2009), LNCS 5440, pp. 27-46. ISBN: 978-3-642-00436-0.
- C1. Riccardo Mazza, Luca Botturi, Stefano Tardini. L'introduzione, l'adattamento e l'estensione di Moodle nelle università della Svizzera italiana. In Giuliana Franceschinis & Davide Porporato (eds), *Modelli e tecnologie della formazione in rete*. Edizioni Mercurio, Vercelli (2007), pp. 275-286. ISBN 978-88-95522-09-8.

### Edited Proceedings:

- E1. Luca Botturi, Riccardo Mazza and Stefano Tardini (editors). FOSLET 2006. Proceedings of the workshop on Free and Open Source Learning Environments and Tool, held in conjunction with the second international conference on Open Source Systems – OSS 2006. June 8-10 2006, Como, Italy.
- E2. Luis de-la-Fuente-Valentín, Daniel Burgos, Riccardo Mazza (editors). IJIMAI 2014 - Special Issue on Multisensor User Tracking and Analytics to Improve Education and other Application Fields - Vol. 2 Issue 7. ISSN: 1989-1660. <http://www.ijimai.org/journal/node/679>.

### Papers in Refereed Journals:

- J7. Riccardo Mazza. Monitoring Students in Course Management Systems: From Tracking Data to Insightful Visualizations. *SCOMS - Studies in Communication Sciences, Special Issue The Communication Sciences as a Multidisciplinary Enterprise*. Vol.6, Num.2. December 2006. pp. 305-312. Università della Svizzera Italiana. ISSN 1424-4896

- J6. Riccardo Mazza, Luca Botturi. *Monitoring an Online Course with the GISMO Tool: A Case Study*. Journal of Interactive Learning Research. Vol. 18 N. 2 (2007). pp. 251-265. Chesapeake, VA: AACE. ISSN: 1093-023X
- J5. Riccardo Mazza, Vania Dimitrova. CourseVis: A Graphical Student Monitoring Tool for Facilitating Instructors in Web-Based Distance Courses. *International Journal in Human-Computer Studies (IJHCS)*. Vol. 65, N. 2 (2007). pp. 125-139. Elsevier Ltd. ISSN: 1071-5819
- J4. Riccardo Mazza. An information visualization approach to textual variants. In: "The Evolution of Texts: Confronting stemmatological and Genetical Methods, Proceedings of the International Workshop held in Louvain-la-Neuve on September 1-2, 2004, edited by C. Macé, P. Baret, A. Bozzi, L. Cignoni". *Linguistica Computazionale*, volumes XXIV-XXV, 2006. Istituti Editoriali e Poligrafici Internazionali, Pisa-Roma. pp. 127-139. ISBN: 88-8147-435-2. ISSN: 0392-6907.
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