

Federico Boschetti's CV

Federico Boschetti
Dorsoduro, 2330 - 30123 Venezia - ITALY

t.c.: BSCFRC73C06H620Z
DOB: March 6, 1973 - Rovigo, ITALY

tel.: +39 050 315 2866
cell.: +39 338 7088032
email: federico.boschetti@ilc.cnr.it
institutional homepage: <http://ilc.cnr.it/en/content/federico-boschetti>

Research interests

Collaborative and Cooperative Philology - Corpus Analysis - Ancient Greek Philology

Professional Experience

2017	University of Pisa - "Corso Magistrale di Informatica Umanistica"	Pisa
Teacher of "Linguistic Techniques for Information Extraction" (Free teaching assignment - Fall 2017)		
2015	Venice International University	Venice
Teacher of "Digital Tools for Humanities (second module)"		
2014	Venice Internation University	Venice
Teacher of "Digital Texts and Multicultural Studies"		
2013	University of Leipzig	Leipzig
Teacher at the "Open Philology Workshop" from 9 to 13 August		
2011-	ILC/CNR	Pisa
Researcher, permanent position		
2009-2011	I.T.I.S. "A. Righi"	Chioggia
Teacher of Italian Literature at Highschool		
2006	I.T.I.S. "A. Righi"	Chioggia
Teacher of Italian Literature at Highschool		
2005-2006	I.T.C.G. "8 Marzo"	Mirano
Teacher of Italian Literature at Highschool		
2005	Univ. "Ca' Foscari"	Venice
Teacher of Office Automation		
2001	Univ. of Padua	Padua
Programmer and Assistant for digitization of Latin texts (Implementation in Java of the web interface for querying the Latin poetry database)		
1996-1997	Univ. "Ca' Foscari"	Venice
Lab Technician c/o Computer and the Humanities Lab		

National and International Research Fundings

2013-2016 CNR-ILC Pisa
Memoria Poetica e Poesia della Memoria (Memorata Poetis – National Project PRIN 2010/2011)
(Head of the local unit)

2012-2013 Perseus Project - Tufts University Boston
Short Visiting Researcher (co-funded by CNR/NEH)
(Proof-reader WebApp, AncientGreekWordNet, Alignment of Greek and Latin
texts to Italian translations)

2008-2009 Perseus Project - Tufts University Boston
Short Visiting Researcher
(Implementation of alignment algorithms in order to improve OCR accuracy)

2006 HLRS Stuttgart
Visit at HLRS of Stuttgart (HPC-Europa Programme n. 506)
http://www.hlrs.de/hpc-europa/GUESTS/FEDERICO_BOSCHETTI

2005 HLRS Stuttgart
Visit at HLRS of Stuttgart (HPC-Europa Programme n. 354)
http://www.hlrs.de/hpc-europa/GUESTS/FEDERICO_BOSCHETTI

Education

2006-2009 Univ. of Trento Trento
Ph.D. in “Cognitive and Brain Sciences - Language, Interaction and Computation”
Thesis: *A Corpus-based Approach to Philological Issues*.
<http://eprints-phd.biblio.unitn.it/185/1/thesis.pdf>

2000–2005 Univ. of Trento – Univ. de Lille III Trento - Lille
Ph.D. c/o the International Doctorate in Classical Philology of the Univ. of Trento – Italy and the
Univ. of Lille III - France.
Ph.D. Thesis: *Saggio di analisi linguistiche e stilistiche condotte con l'ausilio dell'elaboratore
elettronico sui Persiani di Eschilo*. http://www.univlille3.fr/theses/BOSCHETTI_FEDERICO.pdf

1992–1998 Univ. “Ca’ Foscari” di Venezia Venice
MA in ancient Greek Literature (Laurea in lettere), Univ. “Ca’ Foscari”, 1998
Thesis: *Analisi formulare computerizzata dei poemi omerici*

1987–1992 Liceo classico “Celio” Rovigo
“Maturità classica”

Meetings and readings

- F. Boschetti, co-chair with Marina Buzzoni of AIUCD 2016 at Venice (<http://aiucd2016.unive.it>)
- F. Boschetti, *An Integrated System for Generating and Correcting Polytonic Greek OCR*, Classicist Seminar, London, 19 Jul. 2013
- F. Boschetti, *La localizzazione in lingua italiana dell'infrastruttura per lo studio dei classici greci e latini costituita dal Perseus Project*, AIUCD Annual Meeting, Florence, 14 Dec. 2012 (Proceedings are in press)
- F. Boschetti, *OCR Evaluation and Parallelization*, Leipzig, 10 Oct. 2012

- F. Boschetti, A.M. Del Grosso, O. Nahli, *Iperspazi del mondo mediterraneo*, Festival della Scienza, Genova, 25 Oct.-4 Nov. 2012
- F. Boschetti, *A Language Independent Pedagogical Model for Greek, Latin and Arabic*, Boston, 7 Jun. 2012
- F. Boschetti, *Studying Athenaeus in a digital environment - Le papyrus et l'hypertexte: Athénée dans la cuisine du savoir*, Paris, 5 May 2012
- F. Boschetti, M. Lamé, *Strumenti per l'analisi di testi bilingui al servizio dell'epigrafia - Memoria poetica e poesia della memoria*, Venice, 3-4 May 2012 (Proceedings are in press)
- F. Boschetti, M. Manca, L. Spinazzè, P. Mastandrea, L. Tessarolo, F. Boschetti, *Musisque Deoque: Text Retrieval on Critical Editions - ACRH Workshop*, Heidelberg, 5 Jan. 2012
- F. Boschetti, *Improving OCR Accuracy for Classical Critical Editions - Research and Advanced Technology for Digital Libraries*, Corfu 27 Sept. - 2 Oct. 2009
- F. Boschetti, *Digital Aeschylus - Workshop on Advanced Technologies for Digital Libraries*, Trento, 8 Sept. 2009
- F. Boschetti, *A computational Tool for Analyzing Error Patterns in Aphasic Speech - Taganrog*, 5-7 Jun. 2009
- F. Boschetti, *Dal testo digitale alle edizioni digitali*, Giornate di Studio su Eschilo - Gela, 21-23 May 2009
- F. Boschetti, *Gli spazi semantici del Greco antico - Esquilo: Ecdótica e Interpretación*, Barcelona, 29-30 Sept. 2008
- F. Boschetti, *Computational and Formal Philology: Boundaries and Overlappings - Trends in Computational and Formal Philology*, Venice-Padua, 22-24 May 2008
- F. Boschetti, *Alignment of variant readings and linkage of multiple interpretations - Electronic Corpora of Ancient Languages*, Prague, 6-17 Nov. 2007
- F. Boschetti, *Methods to Extend Greek and Latin Corpora with Variants and Conjectures - Corpus Linguistics*, Birmingham, 14-17 Jul. 2007
- F. Boschetti, *Dal corpus al Treebank - La cultura del corpo e i corpora dei testi dall'antichità ad oggi*, Parma, 21-22 March 2007
- F. Boschetti, *Il motore di ricerca su Eschilo - Per Eschilo*, Rovereto, 22-24 May 2007
- F. Boschetti, *Parallelization of Tools for Textual Analyses - HPC Europa - TAM 2007*, Bologna, 13-15 Jun. 2007
- A. Camerotto - F. Boschetti, *A complete Formular and Thematic Analysis of the Homeric Poems, "Homère virtuel"*, Grenoble, 20-22 Nov. 2002
- F. Boschetti, *Analisi stilistica computerizzata applicata alle tragedie di Eschilo, "Trasmissione e ricezione della tragedia greca nell'antichità"*, Pisa, 14-15 Jun. 2002
- F. Boschetti, *Dalle biblioteche alla rete, "Didamatica 2002"*, Naples, 14-15 Feb. 2002

● F. Boschetti, *Analisi formulare computerizzata dei poemi omerici*, "Biblioteche elettriche. Letture in Internet: una risorsa per la ricerca e la didattica (VIII incontro di Informatica umanistica)", Verona, 26-27 Nov. 1999

● A. Gardin - F. Boschetti, *Homer's Iliad translated in Venetian by Giacomo Casanova*, New York, 24 Jan. 1997

● F. Boschetti, *Metaplatonismo del Ciberspazio*, Rovigo, 25 March 1996

Skills in computer science

XML, XSL(T), XHTML, SQL, JSP, Java Script, Java, C/C++, Perl, Prolog, Lisp, Snobol, Ruby, R

Foreign Languages

English: advanced level

French: intermediate level

German: basic level (knowledge of written German in the specific domain of the classical studies)

Selected Publications

- F. Boschetti (ed.), *AIUCD 2016 - Book of Abstracts*, Firenze 2017 (available online: <https://umanisticadigitale.unibo.it/pages/view/boa>)
- R. Del Gratta, F. Boschetti, A. Del Grosso, F. Khan and M. Monachini, *Cooperative Philology on the Way to Web Services: The Case of the CoPhiWordNet Platform*, in Y. Murakami and D. Lin eds., *Worldwide Language Service Infrastructure*, Springer, 2016, 173-187, LNAI 9442.
- G. Mugelli, F. Boschetti, R. Del Gratta, A.M. Del Grosso, F. Khan, A. Taddei, *A User-centered Design to Annotate Ritual Facts in Ancient Greek Tragedies*, «Bulletin of the Institute of Classical Studies» (BICS) 59 (2), 2016, 103-120
- Y. Bizzoni, F. Boschetti, H. Diakoff, R. Del Gratta, M. Monachini, G. Crane, *The Making of Ancient Greek WordNet*, in *Proceedings of 9th Conference on Language Resources and Evaluation (LREC)*, Reykjavík 2014, http://www.lrec-conf.org/proceedings/lrec2014/pdf/1071_Paper.pdf
- F. Boschetti, A. Cimino, F. Dell'Orletta, G. Lebani, L. Passaro, P. Picchi, G. Venturi, S. Montemagni, A. Lenci, *Computational Analysis of Historical Documents: An Application to Italian War Bulletins in World War I and II*, in *Proceedings of the Workshop on Language Resources and Technologies for Processing and Linking Historical Documents and Archives: Deploying Linked Open Data in Cultural Heritage (LRT4HDA)* in conjunction with LREC 2014, Reykjavík 2014 , <http://bit.ly/1kE9cpf>
- A.F. Khan, F. Boschetti and F. Frontini, *Using lemon to Model Lexical Semantic Shift in Diachronic Lexical Resources*, in *Proceedings of the 3rd Workshop on Linked Data in Linguistics: Multilingual Knowledge Resources and Natural Language Processing*, in conjunction with LREC 2014, Reykjavík 2014 , <http://bit.ly/Ueejz>
- A.M. Del Grosso, F. Boschetti, *Collaborative Multimedia Platform for Computational Philology CoPhi Architecture*, in *Proceedings of a meeting held at NexComm 2014: The Fifth International Conference on Advances in Multimedia (MMEDIA 2013)*, pp. 46-51.
- Federico Boschetti, *Annotations in collaborative environments*, «Studia Graeco-arabica» 3, 2013, pp. 185-194.
- M. Lamè, V. Valchera, F. Boschetti, *Epigrafia digitale. Paradigmi di rappresentazione per il trattamento digitale delle epigrafi*, «Epigraphica» 74 (1-2), 2012, pp. 331 - 338.
- M. Manca, L. Spinazzè, P. Mastandrea, L. Tassarolo, F. Boschetti, *Musisque Deoque: Text Retrieval on Critical Editions*. In: ACRH - Workshop on Annotation of Corpora for Research in the Humanities (Heidelberg, 5 Jan. 2012). Proceedings edited by F. Mambrini, M.C. Passarotti. «Journal for Language Technology and Computational Linguistics» 26 (2), 2012, pp. 127 - 138.
- F. Boschetti, *Studio degli spazi semantici con strumenti informatici come metodo esplorativo per la valutazione di congetture*, «Bollettino dei Classici» serie terza 30, 2009, pp. 41-53.
- F. Boschetti, M. Romanello, A. Babeu, D. Bamman and G. Crane, *Improving OCR Accuracy for Classical Critical Editions*, in M. Agosti, J. Borbinha, S. Kapidakis, C. Papatheodorou and G. Tsakonas, *Research and Advanced Technology for Digital Libraries*, Proceedings, Berlin, Springer, 2009, pp. 156-167, <http://www.springerlink.com/content/v47r4148730271m8>
- F. Boschetti, S. Tsigka, S. S. S. Chan, *A Computational Tool for Analyzing Error Patterns in Aphasic Speech*, in *Proceedings of the 3d International Conference on Linguistics*, Taganrog 2009, pp. 1-10.
- F. Boschetti, *Trends in Computational and Formal Philology - Presentation*, «Lexis» 27, 2009, pp. 1-4.

- F. Boschetti, *Digital Aeschylus - Breadth and Depth Issues in Digital Libraries*, in R. Bernardi, S. Chambers and B. Gottfried, *Proceedings of the Workshop on Advanced Technologies for Digital Libraries 2009*, pp. 5-8
- F. Boschetti, *Note per un'edizione critica digitale di Eschilo*, «Quaderni Urbinati di Cultura Classica» n.s. 90, 2008, pp. 111-116
- F. Boschetti, *Alignment of Variant Readings for Linkage of Multiple Annotations*, in P. Zemanek (ed.), *Proceedings of Electronic Corpora of Ancient Languages 2007*, Prague 16-17 Nov. 2007 (Special issue of Yearbook Chatreššar) Prague 2008, pp. 11-24.
- F. Boschetti, *Marcatatura XML dei repertori di congetture eschilei*, in F. Citti-T. Del Vecchio (curatori), *From Manuscript to digital text. Problems of interpretation and markup*, Roma 2007, pp. 1-10.
- F. Boschetti, *Methods to Extend Greek and Latin Corpora with Variants and Conjectures*, in *Proceedings of Corpus Linguistics 2007*, Birmingham 2007, pp. 1-10, http://www.corpus.bham.ac.uk/corplingproceedings07/paper/150_Paper.pdf
- F. Boschetti, *Parallelization of Tools for Textual Analyses*, in *Science and Supercomputing in Europe 2007*, Bologna 2007, pp. 1-4, <http://www.hpc-europa.org/files/SSCinEurope/CD2007/contents/138-human-Boschetti.pdf>
- F. Boschetti, *Tools for linguistic and stylistic Analyses on Greek and Latin Texts*, in *Science and Supercomputing in Europe*, Bologna 2006, pp. 475-477, <http://www.hpc-europa.org/files/SSCinEurope/CD2005/content/002-Human.pdf>
- C.O. Pavese - F. Boschetti, *A complete formular analysis of the Homeric poems*, Amsterdam, Hakkert, 2004.
- F. Boschetti, *Procedura di individuazione automatica delle strutture dell'esametro in funzione dell'analisi formulare computerizzata dei poemi omerici*, in E. Di Lorenzo (curatore), *L'esametro greco e latino*, Naples, A. Guida Editore, 2004, pp. 7-15.
- F. Boschetti, *Analisi formulare computerizzata dei poemi omerici*, in F. Santi (ed.), *Biblioteche elettriche*, Florence, Edizioni del Galluzzo, 2003, pp. 45-71.
- F. Boschetti, *Per una analisi stilistica servita da computer, applicata alle tragedie di Eschilo*, in L. Battezzato (ed.), *Tradizione testuale e ricezione letteraria antica della tragedia greca*, Amsterdam, Hakkert, 2003, pp. 185-193.
- P. Mastandrea - F. Boschetti, *Dalle biblioteche alla rete*, in A. Andronico et al. (curatori), *Didamatica 2002 - Informatica per la didattica*, Naples, Liguori Editore, 2002, pp. 85-92.
- P. Mastandrea - L. Mondin - L. Tessarolo - F. Boschetti, *Attività del Laboratorio di Informatica Umanistica della Facoltà di Lettere, Università Ca' Foscari di Venezia*, in A. Cristofori et al. (eds.), *La rete di Arachne - Arachnes Netz*, Stuttgart, F. Steiner Verlag, 2000, pp. 69-80.

Venice, Aug. 3, 2017

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