

Education

2020-	MSc in Artificial Intelligence, KU Leuven
2016-2020	PhD in Langues, Lettres et Traductologie, Université de Liège (F.R.S.-FNRS Aspirant Grant; no grade assigned according to University policy)
2015-2020	BSc in Mathematics, option Informatics (working student), Université de Liège (<i>cum laude</i>)
2014-2015	ERASMUS+ EXCHANGE, Special Collections of the Library of the Université de Liège
2009-2014	CERTIFICATE OF EXCELLENCE in Classics, Scuola Normale Superiore (70/70, <i>con lode</i>)
2012-2014	MA in Classical Philology and Ancient History, Università di Pisa (110/110, <i>con lode</i>)
2009-2012	BA in Classics, Università di Pisa (110/110, <i>con lode</i>)

Professional Experience

2021-	Assistant Professor of Digital Humanities, Faculty of Arts, KU Leuven
2020-	Research Manager for DH and AI, KU Leuven Institute LECTIO

Fellowships and Grants

2022-2026	Bridging Data Science and Intellectual History: Computing the Nodes and Edges in the Old University of Louvain (1425-1797) (co-promotor, main promotor Violet Soen, €100000)
2022-2023	NIKAW -Networks of Ideas and Knowledge in the Ancient World (PI, €699.874, KU Leuven)
2022-2023	The Presence of Classics in Early Modern Book History (promotor, main promoto Mikko Tolonen - €10000, KU-Leuven-Helsinki University-Aalto University)
2022-2026	STUDIUM.AI – Datafying the ‘webs of knowledge’ around the Old University of Leuven (co-promotor, main PI Violet Soen, €695185, FWO)
2021	OJO funding for workshop organization (€500, for "LECTIO Roundtable on digital text edition")
2019	F.R.S.-FNRS Travel grant for short research stay in Amsterdam (3 months)
2016-2018	F.R.S.-FNRS Aspirant Grant
2016	Non-Fria Doctoral Fellowship (Université de Liège)
2009-2014	Fully-funded scholarship (Scuola Normale Superiore, 5th classified in national competition)

Institutional responsibilities

2016-2020	Steering committee of LECTIO Institute, KU Leuven Representative of the scientific staff in the Faculty of Arts and Philosophy assembly of the University of Liège
2012-2014	Representative of the Scuola Normale Superiore in the students’ network of the Italian schools of Excellence (Rete Italiana degli Allievi delle Scuole e degli Istituti di Studi Superiori Universitari). April 2014: co-organisation of the annual meeting in Pisa
2013-2014	Co-responsible of the students’ cultural activities (Ministero delle Attività Culturali) at the Scuola

Conference organization

- 2021- DH training sessions at the Faculty of Arts, KU Leuven (<https://www.arts.kuleuven.be/digitalhumanities/english/dh-training/Training>)
- 2021- "DH Virtual Discussion Group for ECRs in Belgium". Co-organized with Julie Birkholz and Leah Budke .
- 7-8.10.2021 "LECTIO Roundtable on digital text edition". KU Leuven. Co-oorganized with M. Depauw and D. Verbeke (DHCommons)
- 1-2.6.2021 10th International Lectio Conference "IMAGINING THE FUTURE OF PREMODERN INTELLECTUAL HISTORY". KU Leuven. Co-organized with W. Decock, M. Depauw, P. d'Hoine, M. Goyens, M. Reynders, A. A. Robiglio, S. Schorn, A. Smets, V. Soen, J. Verheyden
- 11-12.5.2021 "Linking People:LECTIO Roundtable on Network Analysis", KU Leuven. Co-oorganized with S. Schorn, M. Depauw, V. Soen
- 5.5.2020 Doctoral Seminar Synoikismos. Université de Liège. "Technological progress in the study of ancient worlds". Université de Liège. Co-organised with Laëtitia Dolne. Cancelled due to COVID outbreak.
- 8-9.11.2018 International Workshop "Text Encoding: Latinists Looking for New Synergies". Université de Liège.
- 23.10.2018 Doctoral Seminar Synoikismos. Université de Liège. Co-organised with Laëtitia Dolne. <https://independent.academia.edu/SeminarSynoikismos>
- 6-8.5.2015 Collaboration in the organisation of "Traitements logométriques des bases de données textuelles latines du L.A.S.L.A. : DVD Hyperbase-Latin et Hyperbase Web Edition". Rome, Academia Belgica

Teaching activities

- 2021- Introduction to Digital Humanities. Advanced Master for Digital Humanities. KU Leuven
- 2021- "Linked Data Scholarship". Advanced Master for Digital Humanities. KU Leuven
- September 2017 Introductory course of Latin at University (for students of advanced level). Université de Liège
- 2016-2020 Regular lecture: "Les manuscrits de la bibliothèque de Liège" in the course *Codicologie* (Université de Liège, MA). Single lectures in the courses *Langue Latine 1* (Université de Liège, BA), *Histoire des Mathématiques* (Université de Liège, MSc), *Greek and Latin Linguistics: The Pragmatic Stylistics of Classical Historiography* (Universiteit van Amsterdam, MA), *Latin Linguistics* (Universiteit van Amsterdam, BA)
- 2012-2014 Ancient Greek classes at Liceo Classico Galileo (Pisa), focus course on Archimedes for the classes of Ancient Greek and Mathematics at the Liceo Classico Galileo (Pisa), single lectures in the course of Greek Literature and Italian Literature at Liceo Classico Manara (Pisa)

Dissemination

- 10.11.2022 Fantoli, M., de Lhoneux, M. "Natural Language Processing in the Humanities". Presented at the Women in Machine Learning & Data Science (WiMLDS) Meetup, Online
- 2021- Blog on DH topics: <https://margheritafantoli.wordpress.com/blog/>
- 25.11.2020 Fantoli, M. "*Una lingua divina e terribile*: Cesare Pavese e la traduzione del greco", Società Dante Alighieri, Liège
- 25-31.3.2019 Outreach activities in collaboration with the Institute of Mathematics (University of Liège), "Printemps des Sciences"
- 2013-2014 Co-foundation of the SNS Theater Group (<http://fact.sns.it/en/thefestival/>) and organization of volunteer teaching in local high-schools (<https://normalenews.sns.it/gli-allievi-della-normale-insegnano-al-galilei-di-pisa>)

Editorial service

- 2021- Permanent editorial Board of DHBenelux Journal
- 2019- Reviews for Rivista di Filologia Cognitiva, Logical Analysis and History of Philosophy, Journal of Open Humanities Data, IEEE Transactions on Pattern Analysis and Machine Intelligence

Languages

Italian (native speaker), French (native speaker), English (fluent), German (working proficiency/outdated), Dutch (notions)

Other skills

Programming languages: C, Java, Julia, Python
Mathematical and statistical software: R, Mathematica, Gurobi
Others: LaTeX

Publications & talks

PUBLICATIONS

<https://orcid.org/0000-0003-3191-4860>

OTHER SCIENTIFIC CONTRIBUTIONS

- 2018- Collaborator in the creation of the bibliographical database of the project "Oltre Plinio", see <http://www.oltreplinio.it/about-us/> and <http://www.oltreplinio.it/bibliography/>
- 2018 —, "Lucain, La Pharsale, 104ff., parchemin, Abbaye de Saint-Trond, XIIe-XIIIe siècles, 210 x 135 mm (Liège, Bibliothèques ULiège, Ms362)", in *Arm@rium Universitatis Leodiensis. La bibliothèque virtuelle du Moyen Âge et de la première Modernité de l'Université de Liège*
- 2018 —, "Cronaca de: Les astrologues dans l'entourage des empereurs romains, des Julio-Claudiens aux Sévères. Colloque international organisé à l'occasion du 150ème anniversaire de la naissance

de Franz Cumont: Liège, Université, Salle Lumière, 20-21 juin 2018", *Bollettino di Studi Latini* XLVIII.2 : 693-695

- 2017 —, Vandersmissens, M., Longrée, D. "HyperbaseWeb : how to use Latin and Greek databases", use-guide for exploiting L.A.S.L.A. databases on HyperbaseWeb website. Available on the website and at https://www.academia.edu/36419908/HyperbaseWeb_how_to_use_Latin_and_Greek_databases

SCIENTIFIC PRESENTATIONS AND TRAININGS

- 17.11.2022 Vermeire, M., Van Rooy, R., Fantoli, M., "The Database of the Leuven Trilingue (DaLeT): Aims, contents, and opportunities for social network analysis". Presented at the Digital approaches to the Republic of Letters: Network research, text mining, and infrastructures, Utrecht, 17 Nov 2022-18 Nov 2022.
- 29.6.2022 Grotto, F., Sprugnoli, R., Fantoli, M., Simi, M., Cecchini, F.M., Passarotti, M., "The Annotation of Liber Abaci, a Domain-Specific Latin Resource". Presented at the Eighth Italian Conference on Computational Linguistics (CLiC-it 2021), Milan, 29 Jun 2022-01 Jul 2022.
- 25.6.2022 Fantoli, M., de Lhoneux, M., "Linguistic Annotation of Neo Latin Mathematical Texts". Presented at the Second Workshop on Language Technologies for Historical and Ancient Languages (LT4HALA2022), Marseille
- 4.6.2022 Fantoli, M., Passarotti, M., "Linking the LASLA Corpus in the LiLa Knowledge Base of Interoperable Linguistic Resources for Latin". Presented at the 8th Workshop on Linked Data in Linguistics: Revisiting a Decade of Linguistic Linked Open Data, Marseille
- 3.6.2022 Fantoli, M., de Lhoneux, M., sisana, B., "From manuscript to syntactic tree: the long journey of mathematical Latin". Presented at the DH Benelux 2022: RE-MIX. Creation and alteration in DH, University of Luxembourg, 31 May 2022-03 Jun 2022
- January 2022 Grotto, F., Sprugnoli, R., Fantoli, M., Simi, M. and Passarotti, M. "The Annotation of Liber Abaci, a Domain-Specific Latin Resource", CLiC-it 2021, Milan
- January 2022 Sprugnoli, R., Ricci, L., Fantoli, M., Salvatori E., Simi, M., Passarotti, M. "From Close to Distant Reading. Towards the Computational Analysis of 'Liber Abaci'", AIUCD 2022, Salerno
- 19.11.2021 Fantoli, M. "Autem and adverbial et: science and rhetoric in Pliny the Elder's *Naturalis Historia*", OIKOS biannual Katwijk-conference, Katwijk
- 02.11.2021 Fantoli, M. "From Greek to Latin: the evolution of mathematical language", Computational Approaches to ancient Greek and Latin, Groningen
- 07.10.2021 Fantoli, M. "Introduction to XML and TEI", LECTIO Roundtable on digital text editing, KU Leuven
- 12.6.2021 Fantoli, M. "Details or Essential Information? On Participial Clauses in Suetonius", *Suétone narrateur*. Biographie und Erzählung in den Vitae Caesarum. Internationale Tagung. FAU Erlangen-Nürnberg
- 11.5.2021 Fantoli, M. "Introduction to Network Analysis", Linking People: LECTIO Roundtable on Network Analysis, KU Leuven
- 22.4.2021 Fantoli, M. "HyperbaseWeb as a tool linguistic and stylometry analysis", Digital Humanities Virtual Discussion Group (KBR, UGhent, KUL Libraries)
- 30.9.2020 Fantoli, M. "Il caso di Jacopo da San Cassiano. Risposta alla presentazione del Prof. M. Bandini *Eliminatio codicum descriptorum e riconoscimento di interventi ope ingenii nelle tradizioni dei testi greci*", Convergenze di filologia, Pisa
- 26.6.2020 Fantoli, M., Breunese, M. "Pragmatic features in Plautus' *Bacchides* (286-307) and *Miles Gloriosus*"

- sus* (120-135)", ResearchLab, Universiteit van Amsterdam
- 11.10.2020 Fantoli, M. "Language and style of Pliny the Elder", Research Lab, Universiteit van Amsterdam
- 18.6.2019 Fantoli, M. "Quoniam, quod, quia: causal connectives in Pliny, Seneca and Vitruvius", Workshop on communicative Anchoring, ICLL, Las Palmas
- 18.6.2019 Fantoli, M. "Quoniam, quod, quia: causal connectives in Pliny, Seneca and Vitruvius", Workshop on communicative Anchoring, ICLL, Las Palmas
- 11.6.2019 Fantoli, M. "Choix du corpus: actualité d'une question ancienne". Le cas de l'*Histoire Naturelle* de Pline, Interroger le texte à l'ère de l'intelligence mécanique, Université de Montpellier
- 10.10.2018 Fantoli, M. "Pliny et la *Naturalis Historia*: traité technique, œuvre littéraire, essai philosophique?", Midis de l'Antiquité, Louvain-La-Neuve
- 5.6.2018 Fantoli, M., Longrée, D., "Opera latina, le corpus du Laboratoire d'Analyse Statistique des Langues Anciennes (L.A.S.L.A.)", Consortium Sources Médiévales 2. Groupe de travail "Lemmes" - Atelier 2, Paris
- 12.4.2018 Fantoli, M., Vandermissens, M. "Polyangular reading: a new approach for the analysis of corpora?", A corpus and usage-based approach to Ancient Greek: from the Archaic period until the Koiné, Riga
- 13.2.2018 Fantoli, M. "Pliny's astronomy: Which words for which science?", London Ancient Science Conference 2018, London
- 15.12.2017 Fantoli, M., Longrée, D. "Euripide et l'étranger avec Hyperbase Web Edition: la cooccurrence comme outil pour la recherche thématique", Tragédie grecque et numérique: pour une exploration phraséologique du corpus tragique, Grenoble
- 12.05.2017 Fantoli, M., Longrée, D. "Lexicometry with the new website Hyperbase Greek: the case study of the Greek tragedy – Euripides compared to Seneca", Digital Classics III, Heidelberg