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CURRICULUM VITAE
FRANCO GATTI

PERSONAL INFORMATION

- Full name: Franco M.T. Gatti
- Birth date: 15/04/1990
- Birth place: Conegliano (TV)
- Nationality: Italian

CURRENT POSITION

2024 - ongoing   Post-doc researcher in computational linguistics and legal computer science at the Department of Legal Studies of the University of Bologna, Alma Mater. Name of the project: HyperModeLex - Artificial Intelligence for Legislative domain: neuro-symbolic AI, symbolic AI and LLM. (P.I. Prof. Dr. Monica Palmirani)

PREVIOUS POSITION

2023 - 2024   Post-doc researcher in *Text analysis in the field of public policies*, at the Department of Political Science, Law, and International Studies of the University of Padua, ITALY. (P.I. Prof. Dr. Ekaterina Domorenok).

DEGREES AND QUALIFICATIONS

2019 – 2023   Ph.D. in Italian Linguistics (PhD course of Linguistic, Philological and Literary Sciences) at University of Padua, Italy. The Ph.D. evaluation committee gave the Seal of Excellence to the final thesis.

Research project that aimed to investigate the evolution of language in the Italian Parliament, by means of quantitative and qualitative methods that involve the use of machine learning and other research methods and techniques typical of both computational linguistics and statistical learning. (Supervisor: Prof. Michele Cortelazzo)

2018   Master degree in Communication Strategies, University of Padua. Grade: 110/110 *cum laude*. Title of the dissertation: *What if the twelfth President of the Italian Republic was a computer?* (Supervisor: Prof. Dr. Arjuna Tuzzi).

2016	Bachelor degree in Communication, University of Padua. Grade: 110/110 *cum laude*. Title of the dissertation: *The politically correct in some Italian comedy programs* (Supervisor: Prof. Dr. Renato Stella).
2009 – 2011	Attendance at the bachelor degree course in Computer Science, University Ca' Foscari (Venice).

AWARDS AND GRANTS

2023	Winner of selection for occasional work at the Department of Classical Philology and Italianistics of the University of Bologna, to provide technical support for the statistical-linguistic analysis of the texts of the project "Come scrivevamo" (How we used to write) (Ref. Prof. Matteo Viale).
2022	Winner of the **MAKE (Machine Learning and Knowledge Extraction) - JADT 2022 Award** for the best work with text mining supervised techniques presented at the international conference JADT 2022 for the paper *Rehearsals of ideological placement on a corpus of parliamentary questions*.
2019	Short Term Scientific Mission (STSM) funded by COST (European Cooperation in Science and Technology) after a call for application on a research project (CA 16204: Distant Reading for European Literary History), hosted by the Computational Stylistic Laboratory directed by Prof. Dr. George K. Mikros, National and Kapodistrian University of Athens. Title of the STSM: *Profiling and word embedding to analyse European literature from a diachronic perspective.*
2018	Winter School on *Methods and Tools for Distant Reading*, National University of Ireland, Galway. Winter School with a scholarship from COST (European Cooperation in Science and Technology) won through call for application. Coordinator: Prof. Dr. Christof Schöch, University of Trier, Germany.

PUBLICATIONS

Under review	Matteo Bassoli, Franco M. T. Gatti, Regulatory Copy & Paste in Sub-National Settings Interspersed Policy Diffusion in the Italian Regional Gambling Legislation, *Regulation & Governance*.
2023	Franco M. T. Gatti, 2023. L'evoluzione testuale delle interrogazioni parlamentari nella Prima Repubblica. In: Montuori, F., Picchiorri, E., (eds), In fieri, 4. Ricerche di linguistica italiana. Firenze, Franco Cesati Editore, pp. 157 - 163.
2023	Michele A. Cortelazzo, Franco M. T. Gatti, George K. Mikros, Arjuna Tuzzi. *Does the Century matter? Machine learning methods to attribute historical periods in an Italian literary corpus*. In: Yamazaki, M., Sanada, H., Köhler, R., Embleton, S., Vulanović, R., and Wheeler, E. (eds), *Quantitative Approaches to Universality and*

Individuality in Language. Berlin: De Gruyter Mouton. DOI: 10.1515/9783110763560-003

2022   Franco M. T. Gatti, 2022. Rehearsals of ideological placement on a corpus of parliamentary questions. In: Misuraca, M., Scepi, G., Spano, M. (eds), *Proceedings of the 16th International Conference on Statistical Analysis of Textual Data*, Vol. 1, VADISTAT Press con Edizioni Erranti, Cosenza.

2021   Franco M. T. Gatti, Arjuna Tuzzi, 2021, *Can a troubled political era be detected by machine learning methods? An application on End of Year speeches of the Italian Presidents*, JADT 2020, Toulouse: http://lexicometrica.univ-paris3.fr/jadt/JADT2020/

CONGRESS TALKS

2024   (with E. Domorenok) The European Green Deal and its implementing instruments: Towards a new policy paradigm?, 12th Biennial Conference of the SGEU, to be held from 19-21 June 2024 at Universidade NOVA, Lisbon.

2023   (with M. Bassoli) How to Gauge Regulatory Copy & Paste: Measures of Textual Similarity in Italian Regional Gambling Legislation, at the Biennial Conference of the Standing Group on Regulatory Governance, University of Antwerp, 12 – 14 July 2023.

2022   *Prima Repubblica e mezza? Quando i metodi quantitativi evidenziano una periodizzazione nei testi.* Conference for the retirement of Prof. Michele Cortelazzo, Padua, September 30th, 2022.

2022   *Rehearsals of ideological placement on a corpus of parliamentary questions*, Journées internationals d'Analyse statistique des Données Textuelles (JADT), Napoli, Congress Center University Federico II, July 6-8, 2022.

2021   *L'evoluzione testuale delle interrogazioni parlamentari nella Prima Repubblica,* 4th Day for PhD Researchers organised by ASLI (Associazione per la Storia della Lingua Italiana), Florence, Accademia della Crusca, Dicember2-4, 2021.

2021   (with G. Toschi) *Confindustria's vision on the globalization process: an analysis of the 82 annual speeches of the organization's Presidents, Italy and the making of globalization (1979-1994)*, Padua, November18, 2021.

2021   (with M. A. Cortelazzo, G. K. Mikros and A. Tuzzi) *Does the Century matter? Machine learning methods to attribute historical periods in an Italian literary corpus*, QUALICO 2020, Tōkyō, Japan.(online)

ORGANISATION OF CONGRESSES AND MORE

2023   Co-organizer of the IQLA-GIAT Summer School in Quantitative Analysis of Textual Data, University of Padua, Provisional title of the 6th edition: *The linguistic variation*.

2022   Doctoral Conference *Oggi sento la mia immobilità come un tormento. Forme dell'adattamento*, Padua, May 05-06, 2022.

2021   Co-organizer of the IQLA-GIAT Summer School in Quantitative Analysis of Textual Data, University of Padua, Topic of the 5th edition: *Quality of Texts, Quality of News*.

OTHER TRAINING AND EXPERIENCES

2021   *Catching Language Data Summer School*, University of Bologna. Summer school on the retrieval and processing of linguistic data.

2021   MOOC: Python A-Z™: Python For Data Science, Udemy.

2019   *IQLA-GIAT Summer School*, University of Padua, Topic of the 4th edition: *Data Science and Data scientists in Humanities and Social Sciences*.

INSTITUTIONAL ASSIGNMENTES

From 2022   Member of the Commission of the Library "Beato Pellegrino" at the University of Padua

2019 - 2022   Representative of PhD students and post-doc researchers in the Department's Council (DiSLL), University of Padua.

TUTORING ACTIVITIES

2021   Collaboration with ANVUR (National Agency for the Evaluation of the University System), project TECO, University of Padua. Organization and supervision of the activities around project TECO 2021 (coordinator: Prof. Dr. Emilio Torchio)

2020-2021   Tutoring activities within P.O.T.6 project, University of Padua (coordinator: Prof. Michele Cortelazzo)

2017-2018   Tutoring activities, University of Padua

TEACHING

2023	24 hours course of *Specialised and sectorial languages*, in the Master Specialist and Sectorial Translation, at the University College for Linguistic Mediators CIELS, Padua, ITALY.
2023	12 hours course of *Sectorial Languages, Microlanguages and Technicisms*, in the Bachelor in Linguistic Mediation, at the University College for Linguistic Mediators CIELS, Padua, ITALY.
2022	Cycle of seminars: *Introductory seminars for EGoS students.* Seminars aimed at developing strong skills in the usage of Microsoft Word and Excel in order to produce clear and meaningful reports with several types of plots, arrays, etc. (coordinator: Prof. Dr. Matteo Bassoli)
2021	Lecture: *A machine learning approach to digital text analysis: Support-Vector Machines and Random Forest applied to different text corpora* in the Master Degree class of *"Texts as data"* (coordinator: Prof. Dr. Arjuna Tuzzi)
2021	Lecture: *Text corpora analysis with machine learning methods* in the Master Degree class of "Text as data" (coordinator: Prof. Dr. Arjuna Tuzzi)
2019	Lecture: *Machine learning to solve classification problems* in the Master Degree class "Statistical Methods of Text Analysis" (coordinator: Prof. Dr. Arjuna Tuzzi)

DIGITAL SKILLS

- Programming skills: Advanced knowledge of R and Python.

- Text data analysis packages: stylo, tm, FactoMineR, caret, tibble, RandomForest, udpipe, tidytext, TextWiller, *etc*.

- Softwares: RStudio, Anaconda, TaLTaC 2, Stylo, IRaMuTeQ, AntConc, TreeTagger, Sketch Engine, Voyant Tools, *etc.*

- Excellent skills in using the following operating systems: Microsoft Windows, Apple MacOS, Ubuntu, Android.

- Excellent knowledge of the following softwares: Microsoft Office (Word, Excel, PowerPoint); Microsoft Teams; Apple Pages, Numbers, Keynote; Zoom; VMWare; VirtualBox.

LANGUAGES

- Italian (mother language)

- English (C2)

- Spanish (B2)

- French (A2)

- Modern Greek (A1)

AFFILIATIONS

From 2019   Member of the Hellenic Optical Character Recognition Team, Scientific initiative that aims at the processing and study of the parliamentary textual data, led by Dr. Fotis Fitsilis (Director of the Department for Scientific Documentation of the Hellenic Parliament) and Prof. Dr. George K. Mikros (former National and Kapodistrian University of Athens, now at Hamad Bin Khalifa University, Doha).

From 2019   Member of the GIAT group (Gruppo Interdisciplinare di Analisi Testuale). An interdisciplinary textual analysis group that aims to share, apply and promote knowledge on methods, tools and innovative research approaches involving quantitative and qualitative analysis of textual data.

PEER REVIEWS

From 2023   Referee for the "Regulation & Governance" journal.

ADDITIONAL INFORMATION

From 2017   Accredited professional of *the Italia-U.S.A Foundation*. After participating in the Master in Global Marketing, Communication and Made in Italy (MARCOM) funded by the *Italia - USA Foundation*.

2017   Victory of the contest organized by Prof. Dr. Marco Bettiol of the University of Padua, within the course of Marketing (Advanced) 2017, in the Communication Strategies master course.