

Curriculum Vitae

Patrizia Paggio

Born in Rome on 2nd March 1959.
Nationality: Italian.

Current position

Senior researcher at the University of Copenhagen, Centre for Language Technology (CST).
Associate professor at the Institute of Linguistics, University of Malta (part-time).

Education

- 1997: PhD in computational linguistics at the University of Copenhagen. Title of thesis: *The Treatment of Information Structure in Machine Translation*. Reviewers: Elisabet Engdahl and Eva Hajičová.
- 1988: Master's in English (major) and Computational Linguistics (subsidiary subject) at the University of Copenhagen.
- 1981: Laurea in Modern Languages and Literatures at the University of Rome (English and Russian).
- 1977: Diploma in Classical Studies at Liceo Mamiani in Rome.

Research positions

- 2012- : Associate professor, Institute of Linguistics, University of Malta (part-time).
- 1991- : Employed as a researcher by Center for Sprogteknologi, senior researcher since April 1999 (part-time since October 2011).
- 1992: Guest researcher at the Centre for Cognitive Science at the University of Edinburgh.
- 1987-1990: Employed as a researcher by the MT project Eurotra-DK.

Research visits

- 2013: Visiting professor at Roma III University, Rome (IT).
- 2011: Visiting professor at Foundation Bruno Kessler, Trento (IT).
- 1992: Guest researcher at the Centre for Cognitive Science at the University of Edinburgh.

Research expertise

Creation of scientific trends and communities

- Prime mover in the bringing together of a common scientific community in the area of Multimodal Communication and Interfaces in the Nordic countries through the MUMIN network (<https://cst.dk/mumin/>), which run in the period 2002-2004 and included members from ten different research institutions in the Nordic countries.

- Main actor in promoting the field of multimodal corpus collection (<http://www.multimodal-corpora.org>) through a regular series of international workshops (from 2000 to today) and consequent publications.
- Responsible for the MC2 (Multimodal Communication and Computation) research group at CST. The group has been behind a substantial portion of the peer-reviewed publications produced at CST in recent years (61 in the period 2011-2016).

Projects

Selected projects and tasks at CST (1991-2018)

- Nordic project NOMCO: CST coordinator, responsible for the creation of a multimodal resource for Danish as well as investigations based on this resource.
- Project “Verbal and bodily communication”: fundraiser and main researcher, responsible for the development of theories and corpora on multimodal communication.
- Project “Information Structure in Danish”: fundraiser and main researcher, responsible for the development of a model of information structure for the Danish language.
- EU-funded MOSES project: main fundraiser and CST project manager, responsible for the analysis of Danish queries in the context of a methodology for ontology-based annotation and search of data on university Web sites.
- Nordic network MUMIN, on multimodal interfaces: main fundraiser and coordinator.
- Danish research project OntoQuery, on ontology based information retrieval: responsible for design and development of syntactic and semantic analysis.
- Danish research project “The Staging of Virtual 3D-Spaces”: CST project manager for CST, and responsible for the design and implementation of the natural language dialogue component of a multimedia application.
- GRASP project: project manager and responsible for the design and development of Danish grammars in the HPSG and LFG frameworks.
- EU-funded SCARRIE project, on spelling and grammar checking: responsible for Danish grammar development and the establishment of a general evaluation methodology.
- EU-funded LCC (Language Consulting Centre) project: contributions to seminars on language technology aimed at Danish industry.
- EU-funded TEMAA project (A Testbed Study of Evaluation Methodologies: Authoring Aids): CST project manager.
- PaTrans MT project: adaptation of the Eurotra English grammars for a commercial MT system.

Tasks at Eurotra-DK (1987-1990)

- Design and implementation of substantial parts of the Danish analysis and generation grammars.
- Implementation of Italian-Danish transfer component.
- Coordination of the Special Group of Interest on Preference, which designed the Eurotra preference mechanism.

External Funds

External funds (only CST part)	Project name	Period	Project type	Funding authority	PP's role
200.000 EUR	NOMCO – Multimodal Corpus Annotation in the Nordic countries	2009-2013	Cooperative, three countries	NOS-HS, NORDCORP-program	Applicant for CST

2.260.000 DKK	VKK – Verbal og Kropslig Kommunikation	2008-2012	Cooperative, only CST	FKK	Main applicant
950.000 DKK	Informationsstruktur i det danske sprog	2002-2006	Personal grant	Carlsbergfondet	Main applicant
950.000 NOK	MUMIN	2002-2004	Network, three countries, ten research groups	NordForsk	Main applicant
270.000 EUR	MOSES - MOdular and Scalable Environment for the Semantic WEB	2002-2005	Cooperative, four countries	EU	Applicant for CST

Strategic and political tasks

Current tasks

- Member of Research Committee and Coordination Committee at the Department of Nordic Studies and Linguistics.
- Member of Representation Committee for ”Dansk Sprognævn”, appointed in 2016 for the period 1/1/2017 to 31/12/2020.

Selected completed tasks (after 2007)

- Denmark’s representative in the European Network on Integrating Vision and Language (iV&L Net) ICT COST Action IC1307.
- Member of HumanT, think tank of the Faculty of Humanities.
- Member of the advisory group of the Centre for IT Innovation at the University of Copenhagen.
- Staff representative in the CST advisory board.
- Member of study committee at the Department of Danish Studies and Linguistics.
- Scientific coordinator of Master’s programme in It and Cognition.

Leadership and coordination

- CST section leader (2016-17): I was responsible for the Centre’s research and development strategy at a challenging time where CST had just been merged into a larger department and suffered a substantial staff loss. My main achievements were the Centre’s new strategy plans and being responsible for CST in the internal evaluation of the Department of Nordic Studies and Linguistics.
- Leadership course “Lyst til ledelse” at the University of Copenhagen (2010-2011).
- Scientific coordinator of Master’s programme in It and Cognition at UPCH (2008-2013).
- Coordination of many different groups of people (typically 4-8) in connection with the various projects I have coordinated and managed. In the MUMIN network, of which I was the main coordinator in 2002-2005, I coordinated 10 different research groups from three different countries.
- Chair of study committee responsible for the creation of the Master’s programme in IT and Cognition at the University of Copenhagen. The programme, launched in the Autumn 2007, started as an interdisciplinary initiative involving the Institute of Nordic Studies and Linguistics,

the Institute of Psychology and the Institute of Computer Science. It currently runs as a successful international programme with an intake of about 30 students per year.

Teaching experience, supervision and student project assessment

I have extensive teaching and supervision experience in a broad range of subjects relating to language technology and computational linguistics. Details are provided in a separate teaching portfolio.

Recently organised scientific events

- Lexical Semantics Seminar under the Linguistic Circle of Copenhagen, University of Copenhagen, 11 June 2018.
- 4th European and 7th Nordic Symposium on Multimodal Communication, Copenhagen, 20-30 September 2016.
- 1st European Symposium on Multimodal Communication. Valletta, 17-18 October 2013.
- Workshops on Multimodal Corpora held in conjunction with LREC 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018.
- Workshop on *Multimodal Corpora* at IVA2013 Edinburgh, 29 August 2013.
- Workshop on Multimodal Communication held in Odense (DK) in connection with Nodalida 2009.

Scholarly assessment assignments

Programme committees and conference reviewing

- Member of programme committee for a large number of conferences in the field of language technology, including the ACM International Conference on Multimodal Interaction, the Language Resources and Evaluation Conference, the Nordic and European symposia on Multimodal Communication, the Nordic Conference of Computational Linguistics, and the Conference of the Italian Association for Artificial Intelligence (1-2 per year).
- Standing programme committee member for the Copenhagen Linguistic Circle

Journal and project reviews

- Acta Linguistica Hafnensia, Nordic Journal of Linguistics, Journal of Language Resources and Evaluation, Journal of Intercultural Communication, Cognitive Processing, Journal of Affective Computing, Speech Communication (2-3 reviews per year).
- Has acted as a reviewer for the Nordic Research Council and the EU Commission.

Dissemination

Recent invited talks

- “Multimodal Interaction in First Acquaintance Conversations”. Invited talk at KTH, Department of Speech, Music and Hearing, Stockholm, 8 June 2018.
- Two invited talks at Sprogteknologisk Forum, the last one in Nov 2016.

- “Linguaggio non-verbale in un corpus di conversazioni danesi: teoria ed empiria”. Invited talk given at the Department “Filosofia, Comunicazione e Spettacolo”, ROMA III University, 1 October 2013.
- “Information structure and gestures in first acquaintance dialogues”. Keynote at the Workshop on Information Structure in Spoken Languages, Bielefeld, 14 June 2012.
- “Towards an empirically-based grammar of speech and gestures”. Invited talk given at Linguistics Circle of the University of Malta, 1 February 2012.
- “Information structure in spoken and multimodal Danish data”. Invited talk given at the Third International Workshop on Germanic Languages, Berlin, 16 March 2012.

Other dissemination activities

- Interview in Politiken in 29/9/2016 about gesture and language:
<http://politiken.dk/kultur/ECE3404570/gestik-tak-for-hjaelpen-okay-eller-numsehul/>
- Two interviews on national Maltese television about gesture and language, 2013 and 2015.
- Article “Sprogteknologi nu og i fremtiden”, published the online magazine Spindet (Sprogpsykologisk Information og Debat), 2010.

Previous work experience

- 1985-1989: Part time teacher in Italian literature at Copenhagen Business School.
1982-1987: Teacher of Italian at the Studieskolen, AOF and HOF, Copenhagen.
1981-1982: Freelance translator English-Italian.
1980-1982: Teacher of English at the Oxford Institute in Rome.