

RESUME

Elisabetta Gola is Associate Professor of Philosophy of Language at the University of Cagliari, where she teaches different courses among which Theory of Language and Communication.

Her research interests include cognitive semantics and natural language processing, with a focus on metaphors and other non-literal usages of language in all the mental processes that are involved in communication and comprehension. She participated to national and international projects and events on the topics of cognitive semantics and natural language processing, and she published several papers and books, among which the book *Metafora e mente meccanica (Metaphor and the mechanical mind)*.

She is head of the e-learning degree program in Communication Sciences, where she alternates the teaching activity to the production of multimedia e-learning courses.

She is referent for the University of Cagliari in the Orientation project, where she is in charge of the empowering communication actions.

She is Director of the master of the University of Cagliari on "Management of communication product and services".

Since 2008 to 2012 has been President of Metaphor Club, an Italian association of scholars interested in metaphors.

DEGREES

1989 Master in Philosophy

1994 PhD in Philosophy of Language

GRANTS

1995 Grant from *Istituto di Linguistica Computazionale del C.N.R.*, Pisa, on 'Methods for the semantic analysis of textual corpora.'

1996-1997 Post-Doctoral Researcher in Philosophy

INTENSIVE AND SUMMERS SCHOOLS

- *Intensive Summer School on Language and Cognitive Science*, organizzata dal MIT e dal CRAI a Capri dal 31 maggio al 5 giugno 1992.
- *International School in Artificial Intelligence*, su *Natural Language Processing and Multilingualism*, organizzata dall'Istituto Mitteleuropeo di cultura a Bolzano, dal 6 al 10 dicembre 1993.
- *Bolzano International School in Philosophy*, su *Cognitive Semantics*, organizzata dall'Istituto Mitteleuropeo di cultura a Bolzano, dal 17 al 21 ottobre 1994.
- *Machine Learning of Natural Language* coordinato dal Prof. Walter Daelemans dell'Università di Tubingen nell'ambito della *Eighth European Summer School in Logic, Language and Information*, organizzato dalla Charles University di Praga (12-23 agosto 1996).
- *Lectures Series in Cognitive Science* su *Metaphor and Analogy*, organizzate dall'IRST a Povo (Trento), dal 18 al 21 Giugno 1997.

MAIN PROFESSIONAL AND RESEARCH EXPERIENCE

1996 - TO 1998: *Istituto di Linguistica Computazionale, Pisa, Italy*

- **Creation of Lexical Resources (Syntax) for the European Project LE-Parole:**
 - defined the specifications for the syntactic encoding of verbs, nouns, adjectives and adverbs in Italian (1996)
 - classification of the lexical arguments of subcategorization patterns for about 5000 words from each part of speech (1996-1998)
- **Creation of Lexical Resources (Semantics) for the European Project SIMPLE:**
 - defined the specifications for the development of the type system of nouns and verbs (1998-1999)
 - semantic classification of words in terms of their semantic type, predicative representation, synonymy and constraint on lexical arguments (1999)

1998 - TO 2000: *lexeme/Lingomotors, Cambridge (MA), USA*

- **Creation of Lexical Resources (Morphology, syntax and semantics) for an linguistically powered internet motor search :**
 - defined the specifications for the morphological encoding of verbs, nouns, adjectives and adverbs in English
 - defined the specifications for the syntactic encoding of verbs, nouns, adjectives and adverbs in English
 - classification of the lexical arguments of subcategorization patterns for words from each part of speech
 - classification of the semantic types for the ontology for different part of speech words.

2000 - TO 2006: *Lecturer at the University of Cagliari, Italy*

- **Philosophical research on metaphors and language use.**
 - wrote different papers on these topics
 - participated to numbers of events devoted to this theme
 - published a book on naturalization of comprehension process of non literal meaning (*Metafora e mente meccanica*, Cuccu, Cagliari, 2005)

2006 - TO present: *Lecturer at the University of Cagliari, Italy*

- **Design of tools and interfaces to help people with non technical skill to use web, for the Por (mis. 3.13) Project FacilUeb.**
 - Survey of the approaches to human-machine interfaces in literature
 - Contributed to design a test to verify the usability of interfaces
- **Philosophical research on metaphors and comprehension processes**
 - textual analysis on metaphor uses in generic and specific corpora
 - wrote different papers on these topics
- **Design of multimedia e-learning course, for the European Project Unisofia**
 - Multimedia course on Communication skills
 - Multimedia course on Theory of language and communication
- **Responsible for the project 'Orientamento e Riallineamento' for the European project Unisofia**
 - Supervised the design of the learning management system
 - Supervised the design of the self-oriented path to help students processes to select the university course

- Supervised the evaluation of multimedia self-learning course to help student to acquire competence useful to follow university course successfully.
- **Supervisor of two research projects, funded by Regione Autonoma della Sardegna**
 - The biotechnological mind: distributed cognition and situated rationality (La mente biotecnologica: cognizione distribuita e razionalità situate), conducted by Giulia Piredda
 - A bridge between two worlds: semantic and pragmatic equivalence (La traduzione tra equivalenza semantica ed equivalenza pragmatica), conducted by Francesca Ervas.
- **Member of Linguisticamente research group of the Department of Pedagogy, psychology, philosophy of the University of Cagliari**

TEACHING

1991 - TO 2001

- **Tutoring and lessons on the following topics:**
 - *Ferdinand de Saussure* (course of Semiotics, prof. Stefano Gensini, Univ. of Cagliari)
 - *Metaphor theory in Max Black* (course of Semiotics, prof. Stefano Gensini, Univ. of Cagliari)
 - *Fodor's Psychosemantics* (course of Philosophy of Science, prof. Silvano Tagliagambe, Univ. of Rome "La Sapienza")
 - *Mind structure and the meaning problem* (course of Philosophy of Science, prof. Silvano Tagliagambe, Univ. of Rome "La Sapienza")
 - *Structural linguistics* (course of Philosophy of Language, prof. Gian Pietro Storari, Univ. of Cagliari)

2001 - TO 2006: courses taught as a lecturer at University of Cagliari

- **Theoretical Philosophy (Program: Education science):**
 - *Concepts nature and mind notion in the contemporary debate in cognitive science framework* (2001-02, 37h)
- **Philosophy and Language Theory (Program: Language and Foreign Literature):**
 - *Basic on semiotic and communication theory* (2001-02, 40h).
- **Philosophy of mind (Program: Education science):**
 - *Kinds of minds* (2002-03, 30h).
 - *Computational minds and emotional minds* (2003-04, 30h).
 - *Minds and psychopathology: theoretical perspective on autism disorder* (2004-05, 30h).
 - *Minds and psychopathology: theoretical perspective on autism disorder* (2004-05, 30h).
 - *The language and the mind: theoretical perspective on communication* (2005-06, 30h)

- **Computational Linguistics (II level Master on Teaching Sardinian dialect: a multidisciplinary perspective):**
 - *Computational linguistics applied to Sardinian dialect* (2002-03/2003/04/2004/05, 15h)

2006 to present: courses taught as associate professor at University of Cagliari

- **Theory of language and communication (Program: Communication Science):**
 - *E-learning course on Theory of language and communication* (2006-07/2007-08, 2008-09/2009-10/2010-11, 60h)
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- **Laboratory on Qualitative data analysis of conversation (Program: Communication Science):**
 - *E-learning course on Theory of language and communication* (2007-08, 30h)
- **Philosophy of mind (Program: Education science):**
 - The language and the mind: theoretical perspective on communication (2006-07/2007-08, 30h)
- **Computational Linguistics (II level Master on Teaching sardinian dialect: a multidisciplinary perspective):**
 - *Computational linguistics applied to sardinian dialect* (2006-07/2007-08, 15h)
- **Laboratory on Online journalism (Program: Communication Science):**
 - *E-learning course on Theory of language and communication* (200-10/2010-11, 30h)

RECENT PUBLICATIONS

E. GOLA, F. Ervas (Eds.), *Metaphor and Communication*, John Benjamins, in press.

E. GOLA, "At the origin of the relationship between metaphor and reasoning: the Aristotle view revisited", *Isonomia, Epistemologica*, 2014.

V. Favrin, E. GOLA, E. Ilardi, "Beyond blended e-learning: a case study at the University of Cagliari", *Proceedings of SIEMSIREM International conference on "Apertura e flessibilità nell'istruzione superiore: oltre l'e-learning?"*, Perugia, November, 2014.

S. Federici, E. GOLA, E. Ilardi, "BLOP: Easy creation of Online Integrated Environments to learn custom and standard Programming Languages", *Proceedings of SIEMSIREM International conference on Apertura e flessibilità nell'istruzione superiore: oltre l'e-learning?*, Perugia, November, 2014.

S. Federici, E. GOLA, E. Ilardi, "BLOP: Build Your Own Block Language ", *SCRATCH at MIT 2014 Conference*, Boston, August 2014.

E. GOLA, F. Ervas (Eds.), *Metaphor in focus: an interdisciplinary perspective*, Cambridge Scholars Publishing, Cambridge, 2013.

F. Ervas, E. GOLA, "Lessico e immaginazione nella traduzione delle metafore", *E/C. Rivista dell'Associazione Italiana Studi Semiotici* 7, 17, 2013, 91-96.

F. Ervas, E. GOLA (Eds.), "Philosophical Perspectives on Experimental Pragmatics", *Humana.Mente. Journal of Philosophical Studies*, 23, December 2012.

GOLA E "Mente e macchine non banali: processi cognitivi e confini". *Sistemi Intelligenti*, vol. 1, p. 49-56, 2012, ISSN: 1120-9550.

E. GOLA e G. PIREDDA, "La mente e gli artefatti tecnologici: una caso di studio", *Reti, saperi, linguaggi*, Codisco, Nuova Serie, Vol. 1 N. 1, 2012. (<http://www.coriscoedizioni.it/filosofia-e-scienza/>)

Favrin V., E. GOLA, "Com.unica: un corso online in Scienze della comunicazione nell'università pubblica. Esperienza di didattica costruttivistica", In *Atti dell'VIII congresso nazionale della Società italiana di e-learning Connessi!Scenari di innovazione tecnologica*, a cura di T. Minerva e L. Colazzo, Reggio Emilia, 14-16 settembre 2011.

GOLA E., V. Favrin. "Developing An Ergonomic And Student-Oriented Moodle E-Learning Environment", *proceedings of IADIS INTERNATIONAL CONFERENCE - E-LEARNING 2011*, Rome, Italy, July, 21-23, 2011, Iadis Press, pp. 270-276.

GOLA E., Muffoletto, R. "Developing A Multicultural Learning Experience In Web 2.0", *proceedings of IADIS INTERNATIONAL CONFERENCE - E-LEARNING 2010*, Freiburg, Germany, July, 26-31, 2010, Iadis Press, pp. 161-167.

GOLA E., "Le metafore tra il lessico e l'uso: l'esperienza della linguistica computazionale", in E. Gagliasso e G. Frezza (Eds.) *Le metafore del vivente*, Franco Angeli Editore, 2010.

GOLA E., V. Favrin, G.C. Isu, M. Pili, M. Steri, E. Zillo, "Informarsi, auto-valutarsi e studiare online: strumenti e-learning per l'orientamento alla scelta e per il riallineamento", Pre-Atti del VII Congresso nazionale della Società Italiana per l'E-learning (SIE-L), su *Progettare nuovi ambienti di apprendimento: competenze, servizi, innovazione*, 2010.

Storari P., E. GOLA (Eds.), *Atti del XVI Convegno Nazionale della Società Italiana di Filosofia del linguaggio*, Cagliari, 10-12 settembre 2009, su *Forme e Formalizzazione*, Cuec, Cagliari, 2010.

GOLA E., Adornetti. I, *Modelli e sistemi di comunicazione*, Editori Riuniti, Roma, 2009, ISBN: 978-88-359-7006-4

P. Calidoni – E. GOLA – G. C. Isu – R. Satta, "Orientamento e riallineamento universitario on-line: progettazione e prova di servizi nel progetto Unisofia", *Sird - Rivista della Società Italiana di Ricerca Didattica*, (2/3), 2009, pp.19-26.

S. Federici, E. GOLA, "FacilUeb: When Web Publishing is Only One Click Away", *proceedings of 3rd International Conference on New Trends in Information and Service Science*, 30 Giugno-2 Luglio 2009, Beijing, China, IEEE Computer Society Publishing, 2009.

GOLA E., P. Calidoni, C. Isu and R. Satta (2009). "An Integrated System For Online Orientation Services: A High Tech Bridge Between High School and University". In: *IADIS INTERNATIONAL CONFERENCE - E-LEARNING 2009*. Algarve, Portugal, JUNE 17 - 20, 2009, IADIS PRESS, vol. II, p. 90-94, ISBN/ISSN: 978-972-8924-83-6

GOLA E., S. Federici, "Words on the edge: conceptual rules and usage variability", *proceedings of the Workshop "Corpus Based Approaches to Figurative Language"*, University of Liverpool, 20 Luglio 2009, British Library, ISSN 1368-9223, 2009.

Ruimy, N., E. GOLA, "Traduzione automatica e processi di comprensione: il lessico", in R. Pititto e S. Venezia (a cura di), *Tradurre e comprendere. Pluralità dei linguaggi e delle culture*, Atti del XII congresso nazionale della Società Italiana di Filosofia del Linguaggio, Aracne, Roma, 2006, pp. 291-306.

Storari P., E. GOLA, Introduzione e cura degli Atti del XVI Convegno Nazionale della Società Italiana di Filosofia del linguaggio, Cagliari, 10-12 settembre 2009, su *Forme e Formalizzazione*, Cuec, Cagliari, 2010.

GOLA E., "Language and comprehension process", in M. Marraffa, M. De Caro, F. Ferretti (a cura di), *Cartographies of the Mind*, Springer, 2007.

GOLA E., "Metafore concettuali che rapporto con il linguaggio?", in C. Casadio (a cura di) *Vie della Metafora - linguistica, filosofia, psicologia*, Sulmona, Prime vie, 2008.

GOLA E., S. Federici, "Aspetti cognitivi e tecnici della relazione uomo computer", Rapporto Tecnico n.1, Progetto FacilUEB, Sardegna ICT District, Dipartimento di Scienze Pedagogiche e Filosofiche, Università di Cagliari, 2007.

S. Federici, E. GOLA, "Modelli di interfacce e tipologie di utenti", Rapporto Tecnico n.3, Progetto FacilUEB, Sardegna ICT District, Dipartimento di Scienze Pedagogiche e Filosofiche, Università di Cagliari, 2007.

GOLA E., P. Calidoni, C. Isu and R. Satta (2009). "Progettazione e prova di servizi di orientamento e riallineamento on-line nel progetto UniSOFIA", pubblicato online all'indirizzo <http://www.unisofia.it/news/varie/it/67810.php>.

GOLA E., interactive multimedia courseware on "Teoria dei linguaggi e della comunicazione": 13 modules of 3 units, 2007. Editore: Giunti Labs.

GOLA E., interactive multimedia courseware on "Comunicazione e capacità relazionali", 8 modules of 3 units, 2007. Editore: Giunti Labs.

GOLA, E. *Metafora e mente meccanica. Creatività linguistica e processi cognitivi*, Cuec, Cagliari, 2005, pp. 173.

RELEVANT SCIENTIFIC AND TECHNICAL SKILLS ACQUIRED

Deep knowledge of Moodle

Experience in the field of corpus based approaches in Natural Language Processing.

Good knowledge of Standard Markup Languages: (SGML: good knowledge; HTML: good knowledge)