

PERSONAL INFORMATION **Claudia Lanza**

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AREAS OF
RESEARCH INTEREST

Classification
 Corpus linguistics
 Digital Humanities
 Information Retrieval
 Knowledge Organization Systems (KOSs)
 Linguistic pattern configuration
 Mark-up Languages
 Natural Language Processing
 Specialized languages - Terminology

EDUCATION AND TRAINING

November 2017- May 2021

PhD - XXXIII° in “Information and Communication Technologies” (ICT)

Institute: Università della Calabria (UNICAL) – Arcavacata di Rende (CS), Italy
 Department: Computer Engineering, Modeling, Electronics and Systematics (DIMES)
 Thesis title: Semantic control for the Cybersecurity domain: investigation on the representativeness of a domain-specific terminology referring to lexical variation

01/10/2018 – 30/03/2020

PhD Visiting at University of Nantes - PhD XXXIII° “Information and Communication Technologies” (ICT)

Institute : Université de Nantes, France - Laboratoire des Sciences du Numérique de Nantes (L2SN)
 Supervisor: Prof. Béatrice Daille

02/12/2016

Master Degree – Language and Foreign Literatures Department

Profile: Language Science, Terminology and Textual Typologies
 Institute: Università Cattolica del Sacro Cuore - Milan (MI), Italy
 Thesis in Communicative and negotiation strategies – English language: “The role of English language teacher in CLIL contexts. A survey in secondary schools of Lombardia and Calabria”.

16/12/2014

Bachelor Degree – Language and Foreign Literatures Department

Profile: Language, Communication and Media
 Institute: Università Cattolica del Sacro Cuore - Milan (MI), Italy
 Thesis in English Translation - Theory and Techniques: “Roald Dahl’s Revolting Rhymes or Versi Perversi: Cinderella’s fairy tale. Rewriting and translation by rhyme in childhood literature”.

21/03/2012

Bachelor Degree – Communication, Public Relations Department

Profile: Communication, media and advertising
 Institute: IULM - Milan (MI), Italy
 Thesis in Comparative Literature “The representation of evil: Demons; Dead Souls; The tragic Hunt; Fathers and Sons; The Master and Margherita”.

14/07/2008

High school diploma

Institute: Grammar school “Bernardino Telesio” – Cosenza (CS), Italy

Language Skills

Mother tongue(s)	Italian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	C1 – five years 2012-2016 curriculum attendance at University of Milan in Language and Foreign Literature Department; C1 – Certificate by <i>The Homer School of English</i> , Dublin (Ireland) May 2016.				

Spanish	C1	C1	C1	C1	C1
C1 – five years 2012-2016 curriculum attendance at University of Milan in Language and Foreign Literature Department; B2 - Certificate by <i>Camino Barcelona Spanish School</i> , Barcelona (Spain) 28/05/2012 - 20/07/2012					
French	B2	B2	B2	B2	B2
<i>FLE French School</i> at Nantes (France) from November 2018 to April 2019 <i>Maison des Chercheurs</i> at Nantes (France) from April 2019 to June 2019					
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages					

Digital competence

SELF-ASSESSMENT					
PYTHON	XML	RDF	OWL	UML	R
PROFICIENT USER	PROFICIENT USER	INDEPENDENT USER	PROFICIENT USER	PROFICIENT USER	INDEPENDENT USER
Levels: Basic user - Independent user - Proficient user Digital competences - Self-assessment grid					
ECDL License					
<ul style="list-style-type: none"> ▪ Good command of office suite ▪ Good command of operative systems Mac Os, Windows and LinuX 					

Driving licence B

ADDITIONAL INFORMATION

Research activities

2021

Participation in the project ERA-PLANET (The European network for observing our changing planet): Definition of Knowledge Organization systems for the semantic interoperability within the Earth Observation domain.

Publications

Lanza C., Semantic Control for the Cybersecurity Domain: Investigation on the Representativeness of a Domain-Specific Terminology Referring to Lexical Variation, CRC Press --Taylor & Francis, accepted for publication

Folino A., Lanza C., Pasceri E., Perri, A., Lexicon of Pandemics: a Semantic Analysis of the Spanish flu and the Covid-19 Timeframe Terminology, 2021, in Journal of Documentation, in print

Lanza C., Cardillo E., Tavemiti M., Guarasci R., Terminology Management in Cybersecurity through Knowledge Organization Systems: an Italian use case. In International Journal On Advances in Security, 2020, vol 13 n. 1-2, pp.17-27

Hazem A., Daille B., Lanza C., Towards Automatic Thesaurus Construction and Enrichment, in Proceedings of the 6th International Workshop on Computational Terminology 2020, 8 may, European Language Resources Association, Marseille, France, pp.62-71

Lanza C., Cardillo E., Tavemiti M., Guarasci R., Knowledge Representation Frameworks for Terminology Management in Cybersecurity: The OCS Project Use Case, in "SEMAPRO19 - The Thirteenth International Conference on Advances in Semantic Processing", ISSN: 2308-4510, Porto 22-27 September 2019.

Lanza C., Daille B., Terminology systematization for Cybersecurity domain in Italian Language, in Proceedings Terminologie et Intelligence Artificielle - Atelier TALN-RECITAL et IC (PFIA 2019) 1er juillet 2019, Toulouse, pp. 7-18.

Lanza C., An Italian thesaurus for cybersecurity and its integration with an ontology structure, in AIDA INFORMAZIONI, vol. 1-2, ISSN: 1121-0095, 2019.

Lanza C., Costruzione di un vocabolario controllato per la terminologia sulla Cybersecurity, in GARR Conference 4-6 June, Turin, Italy, Proceedings 2019, Selected Papers Conferenza 2019, ISBN: 978-88-905077-9-3.

Lanza C., Cybersecurity, ecco il Thesaurus che svela i segreti di un dominio, in AgendaDigitale, <https://www.agendadigitale.eu/sicurezza/cybersecurity-ecco-il-thesaurus-che-svela-i-segreti-di-un->

dominio/, 17 April 2019.

Lanza C., Italian Specific-oriented Domain thesaurus as a mean of semantic control for Cybersecurity terminology, in "SEMAPRO 2018 The Twelfth International Conference on Advances in Semantic Processing", ISSN: 2308-4510, November 18 - 22, 2018 Athens, Greece SEMAPRO 2018 Editors Michael Spranger, Hochschule Mittweida, University of Applied Sciences, Germany Pascal Lorenz, University of Haute Alsace, France, pp. 28-34.

Lanza, C. "CLIL, a comparison between two Italian regions: Calabria and Lombardia. Does a collaboration between English language teachers and content teachers exist?" Book of Abstracts, p. 95. XIV CercleS International Conference 2016, University of Calabria (Italy), 22 – 24 September 2016.

Lanza, C. "#RoaldDahl100 | Dahl and Cinderella" in Wales arts Review Dahl, <https://www.walesartsreview.org/roalddahl100-revolting-rhymes-or-versi-perversi-the-fairy-tale-of-cinderella/>, 15/08/2016.

Presentations

13 October 2021, Lanza C. "Terminologia del digitale" – virtual class at Master's degree "Gestione e Conservazione dei documenti digitali" Unical, Calabria, Italy.

26 March 2021, Lanza C. "Terminologia del digitale" – virtual class at Master's degree "Gestione e Conservazione dei documenti digitali" Unical, Calabria, Italy.

1st April 2020, Lanza C. "Terminologia del digitale" – virtual class at Master's degree "Gestione e Conservazione dei documenti digitali" Unical, Calabria, Italy.

Pisa, 11 October 2019, Presentation of the Italian thesaurus and ontology of Cybersecurity during the "Cybersecurity Day 2019" guested for the "Internet Festival" event;

Porto, SEMAPRO 2019, 22-26 September 2019, Presentation of the paper "Knowledge Representation Frameworks for Terminology Management in Cybersecurity: The OCS Project Use Case";

Toulouse, TIA 2019, 1st July 2019, Presentation of the paper "Terminology systematization for Cybersecurity domain in Italian Language";

Turin, GARR "Connecting the Future" Conference, 4-6 June 2019, Presentation of the paper "Costruzione di un vocabolario controllato per la terminologia sulla Cybersecurity";

Pisa, ITASEC 19, 12-15 February 2019, Presentation of work during Demo Panel and presentation of a poster in Poster Session "Italian Thesaurus for Cybersecurity and its migration into an Ontology System", https://whova.com/embedded/session/itasec_201901/512962/;

Pisa, 12 October 2018, Presentation of the Italian thesaurus of Cybersecurity during the "Cybersecurity Day 2018" guested for the "Internet Festival" event;

Rende, University of Calabria, 23 September 2016, Lanza, C. Poster session "CLIL: Content and Language Integrated Learning. Co-operation between content and language teachers – North and South Italy" XIV CercleS International Conference 2016;

Cardiff, 16-18 June 2016, Lanza, C. "Roald Dahl's Revolting Rhymes or Versi Perversi: the fairy tale of Cinderella. Rewriting and translation by rhyme in children's literature", Panel 2: Fairy Tales. Roald Dahl Centenary Conference, Cardiff University (United Kingdom)-

Workshops

LEXECON - The international research network on the economics lexicon "Intensive course on corpus compilation and analysis", 8-10-15-17 June 2021 (virtual)

Introduction to Knowledge Organization (ISKO) October-December 2020 (virtual)

Workshop "Collaborative Cyber Threat Management and the CNR cybersecurity observatory" (Chair Gianpiero Costantino), ITASEC19, 12/02/2019, Pisa, (Italy);

Workshop "Influence Operations in the Cyberspace: Linking Prevention, Response and Resilience" (Chair Matteo E. Bonfanti), ITASEC19, 12/02/2019, Pisa (Italy);

Workshop "Influence and Cyber-Influence: Is there anything New under the Sun?" (Chair Matteo E. Bonfanti), ITASEC19, 12/02/2019, Pisa (Italy);

Workshop “Technologies for Open Educational Resources”, part of the 3rd X5GON meeting - an EU funded project on Media Convergence, under H2020 Leadership, 16/10/2018, University of Nantes (France);

Workshop “La fiducia nell’era digitale” at Cyber Security District Poste Italiane, 19/12/2017, Cosenza (Italy);

Workshop “Intelligenza Artificiale e Cybersecurity” at Cyber Security District di Poste Italiane, 20/03/2018, Cosenza (Italy).

Workshop “Big Data Analyst Day” Google, 24 March 2017, Milano (Italy).

Summer and winter schools

11th European Summer University in Digital Humanities (ESU) Leipzig University, 3 – 13 August 2021. Workshop “Stylometry”.

Summer School ‘Corpus Linguistics Summer School’, 5th-8th July 2021. Birmingham University

Winter School ‘E-Book’ University of Siena, Master ‘Informatica del Testo e Edizione Elettronica’, 22-26 June 2020.

Winter School “Encoder, Exploiter, Diffuser – EnExDi”, Université de Poitiers, 10-14 February 2020.

Summer school “Culture & Technology” European Summer University (ESU) in Digital Humanities Leipzig University, 22 July – 3 August 2019. Workshop “XML-TEI document encoding, structuring, rendering and transformation”.

Summer school “Digital Humanities – DhoxSS”. Workshop “From Text to Tech”, 3-7 July 2017, University of Oxford, Oxfordshire.

PhD Courses

20-24 April 2020 Prof. Marco Calautti: Ontology-based Data Access (Unical), DIMES, Cosenza (Italy);

November 2018 – January 2019, Prof. Mounira Harzallah: “Semantic Knowledge Representation”, Data Science Master, Polytech Nantes (France);

December 2018 Prof. Fethi Bougares: “Multilingualism”, Université de Nantes (France);

November 2018 Prof. Béatrice Daille: “Corpus”, Université de Nantes (France);

8-12 January 2018 Prof. Domenico Talia/Fabrizio Marozzo: “Scalable Techniques for Big Data Analysis”, Università della Calabria (UNICAL), DIMES, Cosenza (Italy);

12-16 February 2018 Prof. Andrea Tagarelli/Francesco Gullo: “Advanced Learning and Mining Problems in Big Graph Data”, Università della Calabria (UNICAL), DIMES, Cosenza (Italy);

9-13 April 2018 Prof. Antonietta Folino, Elena Cardillo: “Knowledge Organization and Representation”, Università della Calabria (UNICAL), DIMES, Cosenza (Italy);

21-25 May 2018 Prof. Manlio Gaudio: “Mathematics for machine learning”, Università della Calabria (UNICAL), DIMES, Cosenza (Italy).

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