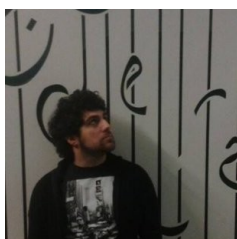


## Curriculum Vitae

### PERSONAL INFORMATION



### Claudio Delli Bovi

📍 Viale Regina Elena, 295, 00161 Rome (Italy)

✉ dellibovi@di.uniroma1.it

🌐 <http://wwwusers.di.uniroma1.it/~dellibovi>

💬 Skype claudio\_dellibovi

**Date of birth** 11/06/1990 | **Nationality** Italian

### EDUCATION AND TRAINING

Nov 2014–Present

#### **Ph.D. in Computer Science**

University of Rome 'La Sapienza', Rome (Italy)

- Natural Language Processing, Computational Linguistics

Oct 2012–Oct 2014

#### **Master of Science cum Laude in Engineering in Artificial Intelligence and Robotics**

University of Rome 'La Sapienza', Rome (Italy)

- Artificial Intelligence, Machine Learning, Natural Language Processing, Robotics

Sep 2009–Oct 2012

#### **Laurea (Bachelor of Science) cum Laude in Computer Science Engineering**

University of Siena, Siena (Italy)

- Robotics, Automation, Control Theory, Computer Architecture, Software Engineering

Sep 2004–Sep 2009

#### **Maturità Scientifica (High School Graduation), 100/100**

Liceo Scientifico Tecnologico, ITT "Sarrocchi", Poggibonsi (SI) (Italy)

- Computer Science and Systems, Engineering, Physics, Mathematics

### RESEARCH EXPERIENCE

Aug 2016–Jul 2017

#### **“Avvio alla Ricerca” Research Grant**

Linguistic Computing Laboratory (LCL), Computer Science Department, University of Rome 'La Sapienza', Rome (Italy)

- 1-year small-project starting grant from the University of Rome 'La Sapienza'

Nov 2014–Present

#### **Sapienza Ph.D. Research Fellowship**

Linguistic Computing Laboratory (LCL), Computer Science Department, University of Rome 'La Sapienza', Rome (Italy)

- 3-year research fellowship for the PhD programme in Computer Science 2014-2015

Jan 2014–Jun 2014

#### **Research Scholarship on “Esperimenti in Traduzione Automatica Semantica” [Experiments in Semantic Machine Translation]**

Linguistic Computing Laboratory (LCL), Computer Science Department, University of Rome 'La Sapienza', Rome (Italy)

- 6-month scholarship for the MultiJEDI project, ERC Starting Grant no. 259234 (Prof. Roberto Navigli)

## WORK EXPERIENCE

- Mar 2015–Feb 2017 **Teaching Assistant in MSc course "Natural Language Processing"**  
University of Rome 'La Sapienza', Rome (Italy)
- Main activities: tutoring, organizing course homework and projects, giving lectures and seminars
- Mar 2015–Feb 2017 **Teaching Assistant in BSc course "Metodologie di Programmazione" [Object Oriented Programming]**  
University of Rome 'La Sapienza', Rome (Italy)
- Main activities: tutoring, managing online forums, web seminars, and practical sessions
- 2-3 March 2016 **Co-organization of the the Luxembourg BabelNet Workshop**  
European Commission, Parliament and Publication Office, Schuman Building, Hemicycle. 2929 Luxembourg.

## PUBLICATIONS

- 2017 S. Papandrea, A. Raganato and **C. Delli Bovi**. *SupWSD: A Flexible Toolkit for Supervised Word Sense Disambiguation*. Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing (**EMNLP**), Copenhagen, Denmark, 7-11 September 2017.
- A. Raganato, **C. Delli Bovi** and R. Navigli. *Neural Sequence Learning Models for Word Sense Disambiguation*. Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing (**EMNLP**), Copenhagen, Denmark, 7-11 September 2017.
- C. Delli Bovi** and A. Raganato. *Sew-Embed at SemEval-2017 Task 2: Language-Independent Concept Representations from a Semantically Enriched Wikipedia*. Proceedings of the 11th International Workshop on Semantic Evaluation (**SemEval-2017**) pages 252–257, Vancouver, Canada, 30 July-4 August 2017.
- C. Delli Bovi**, J. Camacho Collados, A. Raganato and R. Navigli. *EuroSense: Automatic Harvesting of Multilingual Sense Annotations from Parallel Text*. Proceedings of the 55th annual meeting of the Association for Computational Linguistics (**ACL**), Vancouver, Canada, 30 July-4 August 2017.
- C. Delli Bovi** and R. Navigli. *Multilingual semantic dictionaries for natural language processing: The case of BabelNet*. Encyclopedia with Semantic Computing and Robotic Intelligence (**ESCRI**), vol. 1, no. 1, pages 1630015, 2017.
- 2016 L. Espinosa Anke, J. Camacho Collados, **C. Delli Bovi** and H. Saggion. *Supervised Distributional Hypernym Discovery via Domain Adaptation*. Proceedings of 2016 Conference on Empirical Methods in Natural Language Processing (**EMNLP**), pages 424–435, Austin, TX, USA, 1-5 November 2016.
- A. Raganato, **C. Delli Bovi** and R. Navigli. *Automatic Construction and Evaluation of a Large Semantically Enriched Wikipedia*. Proceedings of 25th International Joint Conference on Artificial Intelligence (**IJCAI**), pages 2894–2900, New York City, NY, USA, 9-15 July 2016.
- J. Camacho Collados, **C. Delli Bovi**, A. Raganato and R. Navigli. *A Large-Scale Multilingual Disambiguation of Glosses*. Proceedings of the 10th International Conference on Language Resources and Evaluation (**LREC**), pages 1701–1708, Portorož, Slovenia, 23-28 May 2016.

- 2015 **C. Delli Bovi**, L. Telesca and R. Navigli. *Large-Scale Information Extraction from Textual Definitions through Deep Syntactic and Semantic Analysis*. Transactions of the Association for Computational Linguistics (**TACL**), vol. 3, pages 529–543, 2015.
- C. Delli Bovi**, L. Espinosa Anke and R. Navigli. *Knowledge Base Unification via Sense Embeddings and Disambiguation*. Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing (**EMNLP**), pages 726–736, Lisbon, Portugal, 17–21 September 2015.
- L. Espinosa Anke, H. Saggion, **C. Delli Bovi**. *Definition Extraction Using Sense-Based Embeddings*. International Workshop on Embeddings and Semantics (**IWES**) @ SEPLN2015, pages 10–15, Alicante, Spain, 15 September 2015.

## PRESENTATIONS AND TALKS

**(Open) Information Extraction: where are we going?**

- Invited talk at Allen Institute for Artificial Intelligence (AI2). Seattle, WA, 28 July 2016
- Invited talk at TALN-DTIC, Universitat Pompeu Fabra (Barcelona). Barcelona, 16 October, 2015.

**The BabelNet API: Downloading and installing BabelNet**

- Tech session at the Luxembourg BabelNet Workshop. Luxembourg City, 2–3 March, 2016.

**The Babelfy API: Disambiguating text with Babelfy**

- Tech session at the Luxembourg BabelNet Workshop. Luxembourg City, 2–3 March, 2016.

**Combined Distributional and Logical Semantics**

- Reading group at LCL, University of Rome 'La Sapienza' (Rome). Rome, 14 April, 2014.

## PERSONAL SKILLS

Mother tongue(s) **Italian**

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C1	C2	C1	C1	C1
<b>Spanish</b>	C1	C1	B2	B2	B1
<b>German</b>	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Job-related skills

Collaboration with the RoboCup team of the Department of Computer Science, Control and Management Engineering at University of Rome 'La Sapienza' (SPQR Team) for the 2014 RoboCup SPL Technical Challenges.

MOOC verified certificates (coursera.org): *Machine Learning* (Stanford University), *Introduction to Logic* (Stanford University), *Automata* (Stanford University), *Cryptography* (Stanford University), *Game Theory I & II* (Stanford University), *Introduction to Mathematical Philosophy* (LMU)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Proficient user	Proficient user	Proficient user	Independent user	Proficient user
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Levels: Basic user - Independent user - Proficient user  
[Digital competences](#) - [Self-assessment grid](#)

- Technical skills
- Programming Languages:  
**Java**, Perl, Python, C++, Matlab, HTML/CSS, Haskell, JavaScript, Prolog
  - Operating Systems:  
**GNU/Linux**, Mac OS X, Windows

Driving licence **B**

#### ADDITIONAL INFORMATION

- Schools and Seminars
- **International Summer School on Deep Learning (DeepLearn 2017)**  
University of Deusto, Bilbao (Spain)  
17–21 July, 2017
  - **Google NLP PhD Summit**  
Google Zürich, Zürich (Switzerland)  
23–26 September, 2015
  - **5th Lisbon Machine Learning School**  
Instituto Superior Técnico, Lisbon (Portugal)  
16–23 July, 2015

Honours and awards **"Percorso d'Eccellenza"** [Excellence Program] for the MSc in Artificial Intelligence and Robotics, A.Y. 2013-2014  
 Facoltà di Ingegneria dell'Informazione, Informatica e Statistica, University of Rome 'La Sapienza', Rome (Italy):