

PERSONAL INFORMATION

Marco Turchi

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 www.marcoturchi.com

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Sex Male | Date of birth 21/07/1975 | Nationality Italian

WORK EXPERIENCE

December 2018 – onward

Research director

Fondazione Bruno Kessler, Trento, Italy www.fbk.eu

- Research director of the Machine Translation group

Business or sector Research

October 2012 – December 2017

Researcher

Fondazione Bruno Kessler, Trento, Italy www.fbk.eu

- Researcher in the field of Human Language Technology

Business or sector Research

October 2009 – October 2012

Researcher

Joint Research Centre - JRC - European Commission, Ispra, Italy

- Researcher in the field of Human Language Technology

Business or sector Research

January 2007 – October 2009

Researcher

Department of Engineering Mathematics, University of Bristol, U.K.

- Researcher in the fields of Human Language Technology and Machine Learning

Business or sector Research

September 2006 – January 2007

Visiting Fellow

Department of Engineering Mathematics, University of Bristol, U.K.

- Researcher in the fields of Human Language Technology and Machine Learning

Business or sector Research

March 2006 – September 2006

Research Intern

Xerox Research Centre Europe, Grenoble France.

- Researcher in the fields of Human Language Technology and Machine Learning

Business or sector Industrial Research

June 2005– September 2005

Research Intern

Yahoo Research Lab, Pasadena California U.S.

- Researcher in the fields of Human Language Technology and Machine Learning

Business or sector Industrial Research

November 2004 – March 2006

Research Intern

Statistical Department, University of California, Davis, U.S.

- Researcher in the fields of Human Language Technology and Machine Learning

Business or sector Research

EDUCATION AND TRAINING

October 2002 – March 2006

Ph.D. in “Computer Engineering, adaptive information processing”.

Department of Information Engineering, University of Siena, Italy

- Dissertation on “Time Series Analysis of Textual Data”. Supervisor: Prof. M. Maggini.

September 2004 – September 2002

MSc’s degree in Computer Science

Department of Information Engineering, University of Siena, Italy.

- Dissertation on: “Detection of Web page components: an approach based on visual layout”
Supervisors: Prof. M. Maggini

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills Good communication skills gained at several platform presentations to international conferences and workshops.

Selected Conferences:

- **2018:** Invited speaker at the School of Advanced Technologies for Translators (SATT)
- **2018:** 13th Biennial Conference of the Association for Machine Translation in the Americas (AMTA'18)
- **2017:** 2nd Conference on Machine Translation (WMT 2017)
- **2015:** Invited Speaker at Errare Workshop 2015 (invited Speaker)
- **2014:** 11th Biennial Conference of the Association for Machine Translation in the Americas (AMTA'14)
- **2014:** 25th International Conference on Computational Linguistics (COLING'14)
- **2013:** Workshop on Machine Translation (WMT'13)
- **2012:** European Association on Machine Translation Conference (EAMT'12)
- **2011:** International Conference Recent Advances in Natural Language Processing (RANLP'11)
- **2009:** IEEE / WIC / ACM International Conferences on Web Intelligence (WI'09) and Intelligent Agent Technology (IAT'09)
- **2008:** 3rd Workshop on Statistical Machine Translation, ACL'08
- **2004:** IEEE/WIC/ACM International Joint Conference on Web Intelligence WI'04

Organisational / managerial skills Co-organizer of:

- **2018:** 15th International Workshop on Spoken Language Translation (Program Chair)
- **2018:** 3rd Conference on Machine Translation
- **2018:** 5th Italian Conference on Computational Linguistics (Area Chair)
- **2017:** 2nd Conference on Machine Translation
- **2016:** 1st Conference on Machine Translation
- **2015:** 10th Workshop on Statistical Machine Translation,
- **2015:** 2nd Italian Conference on Computational Linguistics (Area Chair)
- **2014:** 9th Machine Translation Marathon, Trento, September
- **2009:** Intelligent Analysis and Processing of Web News Content workshop at WI-IAT
- **2009:** Statistical Multilingual Analysis for Retrieval and Translation associated workshop at EAMT
- **2008:** European Project SMART Meeting in Bristol

Supervised Students Phd. Students:

- **2018:** Alina Karakanta
- **2017:** Amirohossein Tebbifakhr
- **2016:** Duygu Ataman

Former Phd. Students:

- Rajen Chatterjee (Apple)
- Jose Guilherme Camargo de Souza (eBay) EAMT Best MT-related Thesis Award 2017

Internship Students:

- **2018:** Roberto Dessi (University of Trento, Italy)
- **2018:** Alia Erofeeva (University of Trento, Italy)
- **2016:** Gebremedhen Gebremelak (University of Trento, Italy)
- **2015:** Masoud Jalili (University of Tehran, Iran)
- **2014:** Marion Weller (University of Stuttgart, Germany).
- **2014:** Hamed Zamani (University of Tehran, Iran)
- **2014:** Daniel Torregrosa Rivero (University of Alicante, Spain)
- **2013:** Antonis Anastasopoulos (National Technical University of Athens, Greece)
- **2013:** Mihael Arcan (Digital Enterprise Research Institute (DERI), National University of Ireland, Galway, Ireland)

Bachelor Student Master Thesis:

- **2016:** Gebremedhen Yebrehu Gebremelak (University of Trento, Italy)
- **2013:** Antonis Anastasopoulos (National Technical University of Athens, Greece)

I have taken part in more than ten master's examination committees and several the PhD committee (e.g. Camargo de Souza (University of Trento), Carolina Scarton (University of Sheffield), Julia Ive (LIMSI-CNRS)).

I have served as PC Member for the top-ranked international conferences and workshops (e.g. ACL, NAACL, EMNLP, ...) and Journals (Machine Translation, Journal of Artificial Intelligence Research (JAIR), ACM Transactions on Speech and Language Processing Journal (TSLP), Language Resources and Evaluation (LRE).)

Job-related skills

I have been involved in the preparation of several research proposals both as project partner and coordinator.

Fund Proposals:

- **2018:** "Smart Subtitling and Dubbing System" Lazio Innova "Creatività 2020 (Principal Investigator)
- **2017:** "Automatic Post-editing of Machine Translation with Neural Networks". NVIDIA GPU Grant
- **2015:** "DeepQE: Deep Learning for MT and ASR Quality Estimation". NVIDIA's Academic Hardware grant
- **2015:** "Adaptive Quality Estimation for SAP". Industrial project with SAP, Germany. (Principal Investigator)
- **2014:** QT21 (EU Project Horizon 2020) (Work Package Leader)
- **2014:** Modern Machine Translation (EU Project Horizon 2020)
- **2013:** European Association for Machine Translation (EAMT) summer internship project titled: "Open source software development for tidying up and extending translation memories".
- **2011:** Innovative Project Competition: Automatic multilingual indexing of parliamentary documents Ralf Steinberger, Marco Turchi & Erik van der Goot, IPSC-GlobeSec-OPTIMA (Principal Investigator)

Italian National Scientific Qualification as Associate Professor (2017 – 2022)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Proficient user

Computing:

- Excellent in Java, Python, Theano, PyTorch, matlab, C++, mySql and Linux.
- Basic Knowledge of Ansi c, html, Perl, scipy.
- Excellent user's experience of Java search engine: Apache Lucene, Elasticsearch, General Architecture for Text Engineering: Gate, Weka, Apache Cayenne, Statistical Machine Translation toolkit Moses, LingPipe and High Performance Computing (HPC) technology.

Driving licence B

Ongoing collaborations

I'm collaborating with the following companies and researchers:

- Translated.net: Online agency providing professional translation and localization services
- Sedif: Dubbing and Audio Post-Production Studio
- Prof. Lucia Specia (University of Sheffield)
- John Ortega (Scientist at Nuance)
- Rajen Chatterjee (Apple Inc)
- Phd Jose Guilherme Camargo de Souza (eBay)
- Prof. Elisa Ricci (University of Trento)