Federico Sangati

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✉	Email	federico.sangati@gmail.com
📞	Mobile	+81 (0)80-7486-7956
	GitHub	@kercos
	GitLab	@kercos
	LinkedIn	@kercos
G	GoogleScholar	PzVe2tAAAAAJ
🎓	dblp	72/2363

Occupational Fields

Occupation	❯ **Research Technician & Developer**
Fields of Interests	❯ **Computational Linguistics, NLP, AI, ChatBots**

Work Experience

2022 – ….	❯	**Research Technician**, Cognitive Neurorobotics Research Unit (Jun Tani) – Okinawa Institute of Science and Technology, Japan
2015 – ….	❯	**Chat-Bot Developer**, using the Telegram Bot Platform
2020 – 2022	❯	**Research Technician**, Embodied Cognitive Science Unit (Tom Froese) – Okinawa Institute of Science and Technology, Japan
2018 – 2020	❯	**Research Assistant**, UNIOR NLP Research Group (Johanna Monti), Naples University "L'Orientale", Italy
	❯	**NLP Engineer**, Cerence.com (former Nuance)
2016 – 2017	❯	**Web Developer**, using CDL-Lang, Mondriatech, Amsterdam, The Netherlands
2014 – 2015	❯	**Researcher**, Digital Humanities Group (Sara Tonelli), Fondazione Bruno Kessler (FBK), Trento, Italy
2012 – 2014	❯	**NLP Engineer**, Lionbridge, Tampere, Finland
2011 – 2012	❯	**Researcher**, Institute for Language, Cognition and Computation (Frank Keller and Mirella Lapata), School of Informatics, University of Edinburgh, Scotland
2006 – 2006	❯	**Teaching Assistant**, in the course *Communication and Cognition* (Jelle Zuidema), University of Amsterdam, The Netherlands
2005 – 2007	❯	**Phone Interviewer**, INTERVIEW NSS, Amsterdam, The Netherlands
2004 – 2005	❯	**Dish Washer**, The Hague, The Netherlands
	❯	**Student Intern**, IT Cardiology (Eugenio Cervesato), Pordenone Hospital, Italy
2003 – 2004	❯	**Guardian and Cleaner**, "F. Severi" High School, Padova, Italy

Education

2008 – 2012	**Ph.D.** Syntactic Parsing (NLP). ILLC, University of Amsterdam, The Netherlands. Thesis: *Decomposing and Regenerating Syntactic Trees.* 🔗 pdf
2005 – 2007	**Master Degree** in Logic Language and Computation, ILLC, University of Amsterdam, The Netherlands. Thesis: *Towards simpler Tree Substitution Grammars.* 🔗 pdf
2001 – 2004	**Bachelor Degree** in Computer Science, University of Padova, Italy
1996 – 2001	**High School Degree** Scientific Technological Lyceum, F. Severi, Padova, Italy

Skills and Competences

Hard Skills

Typesetting	LaTeX , Google Docs, Blind Typing (60 wpm)
SpreadSheets	AirTable, Google Spreadsheet, Open Office, Excel
Coding	Python (preferred), Javascript, Scratch, Pure Data, Processing, Java, C++, C
ChatBots	Telegram ChatBot API, Alexa Skills, X ChatBot API, FB ChatBot API
ML	Pandas, NumPy, Scikit-Learn, PyTorch, TensorFlow, Keras
LLMs	OpenAI ChatGPT APIs, Google Gemini APIs
NLP	spaCy, Stanford CoreNLP, Natural Language Toolkit
Web	Google Application Engine (GAE), CDL-Lang, HTML5, CSS, Javascript
Databases	Google Cloud Database, Firebase, MongoDB, SQL
Thinkering	Arduino, ESP-32, MicroPython, CircuitPython
OS	macOS, Android, Linux (Ubuntu), Windows (if really necessary)

Management Skills

Communication	Telegram, Slack
Knowledge Base	Confluence, Notion
Miscellaneous	Academic research support, teaching, training, consultation

Languages

Italian	Native speaker
English	Strong reading, writing and speaking competencies

Invited Talks

May 2020	Il mago della ghigliottina @ Google Dev Group DevParty Italy 🔗 youtube
December 2019	Hands-on Introduction on NLU and ChatBots, Naples University "L'Orienale"
March 2019	Hands-on Introduction on NLP with Python, Naples University "L'Orienale"
September 2017	An Overview of NLP Crowdsourcing Systems, First EnetCollect Action meeting, Bolzano
February 2017	An Overview of NLP Crowdsourcing Systems, Sixth ENeL Action meeting, Budapest
October 2016	An Introduction on NLP and Digital Humanities, Naples University "L'Orienale"

Invited Talks (continued)

June 2015	›	25 years of Data Oriented Parsing, University of Amsterdam
Mar 2015	›	Games and Cognition Workshop, , University of Amsterdam
Dec 2014	›	Computational Linguistic Seminar, ILLC, University of Amsterdam
Apr 2014	›	CLIC Research Colloquium, CIMEC, Rovereto, Italy
Nov 2012	›	Kolloquium in Computerlinguistik, University of Zurich
May 2012	›	NLP Seminar, Sheffield University, UK
	›	Developer Community Supporting Innovation, Dev8ed meeting, Birmingham, UK
Nov 2010	›	Alpage Seminaire, INRIA, Paris

Supervision

2015	›	**Angelo Basile**, FBK Digital-Humanities Internship. "Building a part-of-speech tagger and lemmatizer for the 14th century italian language".
2012	›	**Samuel Giffard**, Master of Computer Science, University of Edinburgh. Thesis title: "An Online Board Framework for Concurrent Multiplayer Games".
2010	›	**Jacoba M. IJdo**, Bachelor in Artificial Intelligence, University of Amsterdam. Thesis title: "Linguistic constraint based reranking method for Latin".
	›	**Margaux Smets**, Master in Logic, Language and Computation, ILLC, University of Amsterdam. Thesis title: "A U-DOP Approach to Modeling Language Acquisition". STIL Prize.

Professional Memberships

2017 – 2021	›	Cost Action CA16105: **enetCollect** – European Network for Combining Language Learning with Crowdsourcing Techniques
2013 – 2017	›	Cost Action IC1207 **PARSEME** – Parsing and multi-word expressions. Towards linguistic precision and computational efficiency in natural language processing
	›	Cost Action IS1305: **ENel** – European Network of e-Lexicography
2014 – 2018	›	Cost Action IS1310: **Republic of Letters** – Reassembling the Republic of Letters, 1500-1800 A digital framework for multi-lateral collaboration on Europe's intellectual history

Other

Continuous Training

2020	›	**Deep Learning Specialization** Coursera (Andrew Ng)

Volunteer Activities

OSS	›	Funder and organizer of the European Open Summer School. This initiative, started in 2011, has the goal to bring together people from different cultures and backgrounds to share knowledge and skills with others. Activities include theoretical lectures, practical workshops, discussions, and sport activities.

Other (continued)

CoderDojo › Mentor and Volunteer at CoderDojo (Okinawa, Trento) – a global volunteer-led community of free workshops for young people to encourage kids and teenagers to learn how to make best use technologies while having fun.

TED Translation › Currently active in translating and reviewing the subtitles of TEDTalks and TEDxTalks as part of the TED Translation Project.

PNG › I have worked for many years as a volunteer in Pablo Neruda Group, in Padova (Italy). It is non-profit organization, which organizes weekly activities (workshops, games, natural excursions) and summer camps for kids of age 6–18, and other activities to sensitize people on social problems.

Interests

Photography › Manual reflex cameras, slide projectors, and analog/digital photography

Publications

2024

1. Ekaterina Sangati, Federico Sangati, Marc Slors, and Kenji Doya. "The Collaborative Abilities of ChatGPT Agents in a Number Guessing Game". In: *Proceeding of the 29th International Symposium on Artificial Life and Robotics (AROB24)*. Jan. 2024. ⊘ pdf

2023

2. Francesca Chiusaroli, Tiberio Uricchio, Johanna Monti, Maria Laura Pierucci, and Federico Sangati. "GPT-based Language Models meet Emojitaliano: A Preliminary Assessment Test between Automation and Creativity". In: *Proceedings of the Ninth Italian Conference on Computational Linguistics*. Venice, Dec. 2023. ⊘ pdf

3. Ekaterina Sangati, Lorena Lobo, Stephen Estelle, Federico Sangati, Samira Tavassoli, and Tom Froese. "Uncovering the role of intention in active and passive perception". In: *Proceedings of the Annual Cognitive Science Meeting*. 2023. ⊘ pdf

4. *Between Individual Brains and Collective Behavior: Multi-level Emergence in a Group Formation Task*. Vol. ALIFE 2023: Ghost in the Machine: Proceedings of the 2023 Artificial Life Conference. July 2023, p. 30. ⊘ pdf

5. Federico Sangati and Rui Fukushima. "PCE simulation toolkit: a platform for perceptual crossing experiment research". In: *Frontiers in Neurorobotics* 17 (2023). ⊘ pdf

2022

6. Mark M. James, Jamila Rodrigues, Morgan Montoya, Natalia Koshkina, Federico Sangati, Ekaterina Sangati, Matthew Ratcliffe, Havi Carel, and Tom Froese. "The pandemic experience survey II: A second corpus of subjective reports of life under social restrictions during COVID-19 in the UK, Japan, and Mexico". In: *Frontiers in Public Health* 10 (2022). ⊘ pdf

2021

7. Tom Froese, Matthew Broome, Havi Carel, Clara Humpston, Alice Malpass, Tomoari Mori, Matthew Ratcliffe, Jamila Rodrigues, and Federico Sangati. "The Pandemic Experience: A Corpus of Subjective Reports on Life During the First Wave of COVID-19 in the UK, Japan, and Mexico". In: *Frontiers in Public Health* 9 (2021), p. 1155. ⊘ pdf

8   Johanna Monti, Francesca Chiusaroli, and Federico Sangati. "Emojitaliano: A Social and Crowdsourcing Experiment of the Creation of a Visual International Language". In: *Design, User Experience, and Usability: UX Research and Design*. Ed. by Marcelo M. Soares, Elizabeth Rosenzweig, and Aaron Marcus. Cham: Springer International Publishing, 2021, pp. 426–441. ISBN: 978-3-030-78221-4. 🔗 pdf

9   Georgina Montserrat Reséndiz-Benhumea, Ekaterina Sangati, Federico Sangati, Soheil Keshmiri, and Tom Froese. "Shrunken Social Brains? A Minimal Model of the Role of Social Interaction in Neural Complexity". In: *Frontiers in Neurorobotics* 15 (2021), p. 72. 🔗 pdf

10   Ekaterina Sangati, Soheil Keshmiri, and Federico Sangati. "Evolution of Neural Complexity in Division of Labor Tasks". In: vol. ALIFE 2021: The 2021 Conference on Artificial Life. ALIFE 2021: The 2021 Conference on Artificial Life. 88. July 2021. 🔗 pdf

2020

11   Marianne Grace Araneta, Gülşen Eryiğit, Alexander König, Ji-Ung Lee, Ana R. Luís, Verena Lyding, Lionel Nicolas, Christos Rodosthenous, and Federico Sangati. "Substituto – A Synchronous Educational Language Game for Simultaneous Teaching and Crowdsourcing". In: *Proceedings of the 9th Workshop on NLP for Computer Assisted Language Learning*. Gothenburg, Sweden: LiU Electronic Press, Nov. 2020. 🔗 pdf

12   Pierpaolo Basile, Marco Lovetere, Johanna Monti, Antonio Pascucci, Federico Sangati, and Lucia Siciliani. "Ghigliottin-AI@EVALITA2020 Evaluating Artificial Playersfor the Language Game "La Ghigliottina"". In: *Proceedings of Seventh Evaluation Campaign of Natural Language Processing and Speech Tools for Italian. Final Workshop (EVALITA 2020)*. 2020. 🔗 pdf

13   Johanna Monti, Mihael Arcan, and Federico Sangati. "Translation asymmetries of multiword expressions in machine translation". In: *Computational Phraseology*. Ed. by Gloria Corpas Pastor and Jean-Pierre Colson. John Benjamins, 2020. Chap. 2, pp. 23–42. 🔗 pdf

14   Lionel Nicolas, Verena Lyding, Claudia Borg, Karen Fort, Katerina Zdravkova, Iztok Kosem, Jaka Čibej, Špela Arhar Holdt, Alice Millour, Alexander König, Christos Rodosthenous, Federico Sangati, Anisia Katinskaia, Anabela Barreiro, Lavinia Aparaschivei, and Yaakov HaCohen-Kerner. "Creating Expert Knowledge by Relying on Language Learners: a Generic Approach for Mass-Producing Language Resources by Combining Implicit Crowdsourcing and Language Learning". English. In: *The 12th Language Resources and Evaluation Conference, LREC 2020*. May 2020, p. 268. 🔗 pdf

15   Christos Rodosthenous, Verena Lyding, Federico Sangati, Alexander König, Umair ul Hassan, Lionel Nicolas, Jolita Horbacauskiene, Anisia Katinskaia, and Lavinia Aparaschivei. "Using Crowdsourced Exercises for Vocabulary Training to Expand ConceptNet". English. In: *Proceedings of The 12th Language Resources and Evaluation Conference*. Marseille, France: European Language Resources Association, May 2020, pp. 307–316. ISBN: 979-10-95546-34-4. 🔗 pdf

16   Federico Sangati, Antonio Pascucci, and Johanna Monti. "'Il Mago della Ghigliottina' @Ghigliottin-AI When Linguistics meets Artificial Intelligence". In: *Proceedings of Seventh Evaluation Campaign of Natural Language Processing and Speech Tools for Italian. Final Workshop (EVALITA 2020)*. 2020. 🔗 pdf

17   Federico Sangati, Antonio Pascucci, and Johanna Monti. "The Challenge of the TV game La Ghigliottina to NLP". English. In: *Workshop on Games and Natural Language Processing*. Marseille, France: European Language Resources Association, May 2020, pp. 34–38. ISBN: 979-10-95546-40-5. 🔗 pdf

18   Giulia Speranza, Maria Pia di Buono, Johanna Monti, and Federico Sangati. "From Linguistic Resources to Ontology-Aware Terminologies: Minding the Representation Gap". English. In:

Proceedings of The 12th Language Resources and Evaluation Conference. Marseille, France: European Language Resources Association, May 2020, pp. 2503–2510. ɪsʙɴ: 979-10-95546-34-4. 🔗 pdf

2019

19 Ekaterina Abramova, Johanna Monti, and Federico Sangati. "DialettiBot. Un Bot di Telegram per la raccolta di registrazioni di dialetti italiani". In: *Lingue minoritarie tra localismi e globalizzazioni.* AItLA. Cagliari, 2019. 🔗 pdf

20 Verena Lyding, Christos Rodosthenous, Federico Sangati, Umair ul Hassan, Lionel Nicolas, Alexander König, Jolita Horbacauskiene, and Anisia Katinskaia. "v-trel: Vocabulary Trainer for Tracing Word Relations – An Implicit Crowdsourcing Approach". In: *Proceedings of the International Conference Recent Advances in Natural Language Processing, RANLP 2019.* Ed. by Galia Angelova, Ruslan Mitkov, Ivelina Nikolova, and Irina Temnikova. Varna, Bulgaria, Sept. 2, 2019, pp. 675–684. 🔗 pdf

21 Christos Rodosthenous, Verena Lyding, Alexander König, Jolita Horbacauskiene, Anisia Katinskaia, Umair ul Hassan, Nicos Isaak, Federico Sangati, and Lionel Nicolas. "Designing a Prototype Architecture for Crowdsourcing Language Resources". In: *Proceedings of the Poster Session of the 2nd Conference on Language, Data and Knowledge (LDK 2019).* Leipzig, Germany, 2019. 🔗 pdf

2018

22 Nicolas Lionel, Lyding Verena, Luisa Bentivogli, Federico Sangati, Monti Johanna, Russo Irene, Roberto Gretter, and Giuseppe Daniele Falavigna. "EnetCollect in Italy". In: *Fifth Italian Conference on Computational Linguistics (CLiC-it 2018).* 2018. 🔗 pdf

23 Barbara McGillivray and Federico Sangati. "Pilot study for the COST Action "Reassembling the Republic of Letters": language-driven network analysis of letters from the Hartlib's Papers". In: *CoRR* abs/1801.09896 (2018). 🔗 pdf

24 Johanna Monti, Silvio Cordeiro, Carlos Ramisch, Federico Sangati, Agata Savary, and Veronika Vincze. "Advances in Multiword Expression Identification for the Italian language: The PARSEME shared task edition 1.1". In: *Proceedings of the Fifth Italian Conference on Computational Linguistics CLiC-it 2018.* 2018, pp. 271–277. 🔗 pdf

25 Federico Sangati, Ekaterina Abramova, and Johanna Monti. "DialettiBot: a Telegram Bot for Crowdsourcing Recordings of Italian Dialects". In: *Proceedings of the Fifth Italian Conference on Computational Linguistics (CLiC-it 2018).* 2018. 🔗 pdf

26 Federico Sangati, Antonio Pascucci, and Johanna Monti. "Exploiting Multiword Expressions to solve "La Ghigliottina"". In: *Sixth Evaluation Campaign of Natural Language Processing and Speech Tools for Italian. Final Workshop (EVALITA 2018).* 2018, pp. 1–6. 🔗 pdf

27 Agata Savary, Marie Candito, Verginica Barbu Mititelu, Eduard Bejček, Fabienne Cap, Slavomír Čéplö, Silvio Ricardo Cordeiro, Gülşen Eryiğit, Voula Giouli, Maarten van Gompel, Yaakov HaCohen-Kerner, Jolanta Kovalevskaitė, Simon Krek, Chaya Liebeskind, Johanna Monti, Carla Parra Escartín, Lonneke van der Plas, Behrang QasemiZadeh, Carlos Ramisch, Federico Sangati, Ivelina Stoyanova, and Veronika Vincze. "PARSEME multilingual corpus of verbal multiword expressions". In: *Multiword expressions at length and in depth: Extended papers from the MWE 2017 workshop.* Ed. by Stella Markantonatou, Carlos Ramisch, Agata Savary, and Veronika Vincze. Berlin: Language Science Press., 2018, pp. 87–147. 🔗 pdf

2017

28 Francesca Chiusaroli, Johanna Monti, and Federico Sangati. *Pinocchio in Emojitaliano.* Apice Libri, 2017. ɪsʙɴ: 9788899176440. 🔗 pdf

29   Johanna Monti, Maria Pia di Buono, and Federico Sangati. "PARSEME-It Corpus – An annotated Corpus of Verbal Multiword Expressions in Italian". In: *Proceedings of the Fourth Italian Conference on Computational Linguistics (CLiC-it 2017), Rome, Italy, December 11-13, 2017.* 2017.   🔗 pdf

30   Agata Savary, Carlos Ramisch, Silvio Cordeiro, Federico Sangati, Veronika Vincze, Behrang QasemiZadeh, Marie Candito, Fabienne Cap, Voula Giouli, Ivelina Stoyanova, and Antoine Doucet. "The PARSEME Shared Task on Automatic Identification of Verbal Multiword Expressions". In: *Proceedings of the 13th Workshop on Multiword Expressions* (Valencia, Spain). MWE '17. Association for Computational Linguistics, 2017, pp. 31–47.   🔗 pdf

2016

31   Angelo Basile and Federico Sangati. "D(H)ante: A New Set of Tools for XIII Century Italian". In: *Proceedings of the Tenth International Conference on Language Resources and Evaluation LREC 2016, Portorož, Slovenia, May 23-28, 2016.* 2016.   🔗 pdf

32   Gyri Smørdal Losnegaard, Federico Sangati, Carla Parra Escartín, Agata Savary, Sascha Bargmann, and Johanna Monti. "PARSEME Survey on MWE Resources". In: *Proceedings of the Tenth International Conference on Language Resources and Evaluation LREC 2016, Portorož, Slovenia, May 23-28, 2016.* 2016.   🔗 pdf

33   Johanna Monti, Federico Sangati, Francesca Chiusaroli, Martin Benjamin, and Sina Mansour. "Emojitalianobot and EmojiWorldBot - New online Tools and Digital Environments for Translation into Emoji". In: *Proceedings of Third Italian Conference on Computational Linguistics (CLiC-it 2016) & Fifth Evaluation Campaign of Natural Language Processing and Speech Tools for Italian. Final Workshop (EVALITA 2016), Napoli, Italy, December 5-7, 2016.* 2016.   🔗 pdf

2015

34   Johanna Monti, Federico Sangati, and Mihael Arcan. "TED-MWE: a bilingual parallel corpus with MWE annotation. Towards a methodology for annotating MWEs in parallel multilingual corpora". In: *Proceedings of the Second Italian Conference on Computational Linguistics CLiC-it 2015.* Trento, Italy, Dec. 2015.   🔗 pdf

35   Federico Sangati and Andreas van Cranenburgh. "Multiword Expression Identification with Recurring Tree Fragments and Association Measures". In: *Proceedings of the Workshop on Multiword Expressions: MWE 2015 (NAACL).* 2015, pp. 10–18.   🔗 pdf

36   Federico Sangati, Stefano Merlo, and Giovanni Moretti. "School-tagging: interactive language exercises in classrooms". In: *Language Teaching, Learning and Technology, Satellite Workshop of SLaTE-2015, LTLT@SLaTE 2015, Leipzig, Germany, September 4, 2015.* 2015, pp. 16–19.   🔗 pdf

37   Agata Savary, Manfred Sailer, Yannick Parmentier, Michael Rosner, Victoria Rosén, Adam Przepiórkowski, Cvetana Krstev, Veronika Vincze, Beata Wójtowicz, Gyri Losnegaard, Carla Parra Escartín, Jakub Waszczuk, Matthieu Constant, Petya Osenova, and Federico Sangati. "PARSEME – PARSing and Multiword Expressions within a European multilingual network". In: *7th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics (LTC 2015).* Poznań, Poland, Nov. 2015.   🔗 pdf

2013

38   Ekaterina Abramova, Raquel Fernández, and Federico Sangati. "Automatic Labeling of Phonesthemic Senses". In: *Proceedings of the 35th Annual Conference of the Cognitive Science Society.* Berlin, Germany, 2013, pp. 1696–1701.   🔗 pdf

39

Federico Sangati. *Investigation on PushAndPull and Double-DOP*. [techreport] University of Amsterdam, 2013. 🔗 pdf

40 Federico Sangati and Frank Keller. "Incremental Tree Substitution Grammar for Parsing and Sentence Prediction". In: *Transactions of the Association for Computational Linguistics (TACL)* 1.1 (2013), pp. 111–124. ISSN: 2307-387X. 🔗 pdf

2012

41 Federico Sangati. "Decomposing and Regenerating Syntactic Trees". PhD thesis. University of Amsterdam, Jan. 2012. ISBN: 9789057762345. 🔗 pdf

2011

42 Andreas van Cranenburgh, Remko Scha, and Federico Sangati. "Discontinuous Data-Oriented Parsing: A mildly context-sensitive all-fragments grammar". In: *Proceedings of the Second Workshop on Statistical Parsing of Morphologically Rich Languages*. Dublin, Ireland: Association for Computational Linguistics, Oct. 2011, pp. 34–44. 🔗 pdf

43 Federico Sangati and Willem Zuidema. "Accurate Parsing with Compact Tree-Substitution Grammars: Double-DOP". In: *Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing*. Edinburgh, Scotland, UK.: Association for Computational Linguistics, July 2011, pp. 84–95. 🔗 pdf

2010

44 Federico Sangati. "A Probabilistic Generative Model for an Intermediate Constituency-Dependency Representation". In: *Proceedings of the ACL 2010 Student Research Workshop*. Uppsala, Sweden: Association for Computational Linguistics, July 2010, pp. 19–24. 🔗 pdf

45 Federico Sangati, Willem Zuidema, and Rens Bod. "Efficiently Extract Recurring Tree Fragments from Large Treebanks". In: *Proceedings of the Seventh conference on International Language Resources and Evaluation (LREC'10)*. Valletta, Malta: European Language Resources Association (ELRA), May 2010. ISBN: 2-9517408-6-7. 🔗 pdf

46 Daniil Umanski and Federico Sangati. "How Spoken Language Corpora Can Refine Current Speech Motor Training Methodologies". In: *Proceedings of the ACL 2010 Student Research Workshop*. Uppsala, Sweden: Association for Computational Linguistics, July 2010, pp. 37–42. 🔗 pdf

47 Maarten Versteegh, Federico Sangati, and Willem Zuidema. "Simulations of socio-linguistic change: Implications for unidirectionality". In: *Proceedings of the 8th International conference on the Evolution of Language (EVOLANG 8)*. World Scientific Publishing., 2010. Chap. 118, pp. 511–512. 🔗 pdf

2009

48 Federico Sangati. "A simple DOP model for constituency parsing of Italian sentences". In: *Proceedings of EVALITA*. 2009. 🔗 pdf

49 Federico Sangati. "Generative re-ranking model for dependency parsing of Italian sentences". In: *Proceedings of EVALITA*. 2009. 🔗 pdf

50 Federico Sangati and Chiara Mazza. "An English Dependency Treebank à la Tesnière". In: *Proceedings of the 8th International Workshop on Treebanks and Linguistic Theories*. Milan, Italy, 2009, pp. 173–184. 🔗 pdf

51 Federico Sangati and Willem Zuidema. "Unsupervised Methods for Head Assignments". In: *Proceedings of the 12th Conference of the European Chapter of the ACL (EACL 2009)*. Athens, Greece: Association for Computational Linguistics, Mar. 2009, pp. 701–709. 🔗 pdf

52 Federico Sangati, Willem Zuidema, and Rens Bod. "A generative re-ranking model for dependency parsing". In: *Proceedings of the 11th International Conference on Parsing Technologies (IWPT'09)*. Paris, France: Association for Computational Linguistics, Oct. 2009, pp. 238–241. 🔗 pdf

2008

53 Federico Sangati and Willem Zuidema. "Communication, Cooperation and Coherence: putting mathematical models into perspective". In: vol. 12. 2008, p. 15. 🔗 pdf

2007

54

Federico Sangati. *Emergence, Evolution and Maintenance of Communication Conventions*. [techreport] University of Amsterdam, May 2007. 🔗 pdf

55 Federico Sangati. "Towards simpler Tree Substitution Grammars". MA thesis. University of Amsterdam, 2007. 🔗 pdf

Last Update

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