



# Viviana Patti

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Corso Svizzera 185, 10149, Torino, Italy

## ● WORK EXPERIENCE

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2018 – CURRENT

**ASSOCIATE PROFESSOR – Dipartimento di Informatica - Università degli Studi di Torino**

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### Previous employment and visiting periods

**2005–2017** Assistant Professor in Computer Science. Dipartimento di Informatica, Università degli Studi di Torino, Torino, Italy

**October 2015 - January 2016:** 3-months fellowship co-funded by UniTO and CRT (Word Wide Style 2 Project) for research visit at the Universitat Politècnica de València (Spain), Pattern Recognition and Human Language Technology Research Center.

**2014:** Habilitation for Associate Professor in Computer Science (01/B1).

**February 2006, Jan 2007, April 2008, Dec 2009:** visiting researcher at the Institut für Verteilte Systeme-Fachgebiet Wissensbasierte Systeme (KBS) & L3S, University of Hannover, DE within the framework of EU NoE REWERSE.

**October 2007:** visiting researcher at the Department of Computer Science, North Carolina State University, Raleigh, USA

Torino, Italy

2013 – 2017

**MEMBER OF THE GUARANTEE COMMITTEE (COMITATO UNICO DI GARANZIA, CUG)  
AS FACULTY ELECTED REPRESENTATI – Università degli Studi di Torino**

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Torino, Italy

## ● EDUCATION AND TRAINING

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06/1996 – Torino, Italy

**Master's Degree in Philosophy – Università degli Studi di Torino**

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Multidisciplinary curriculum (analysis of language and computer science)

Degree summa cum laude

1997 – 2002 – Torino, Italy

## **PhD in Computer Science – Università degli Studi di Torino**

Thesis: "*Programming Rational Agents: a Modal Approach in a Logic Programming Setting*".

Supervisor: Prof. A. Martelli.

2003 – 2004 – Torino, Italy

## **Post-Doc fellow – Dipartimento di Informatica - Università degli Studi di Torino**

### ● **ORGANISATIONAL SKILLS**

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#### **Institutional and Relevant Leading Roles**

- Since 2019 -today: *member of the board of directors* of the **Association for Italian Computational Linguistics** (AILC).
- Since 2014-today: **Center for Logic, Language, and Cognition LLC**: *scientific board, executive committee and founding member*.
- Since October 2018-today: *member of Giunta del Dipartimento di Informatica*.
- *International Mobility Delegate* for the Computer Science Department, University of Turin.
- *Member of the Public Engagement Lab*, University of Turin, representative of the Computer Science Department.
- Since 2020-today: **Vice-coordinator** of the Computer Science PhD program, Doctoral School of the University of Turin
- *Member of the PhD committee*, Computer Science PhD program, Doctoral School of the University of Turin (XXXI, XXXII, XXV, XXVI cycles).
- **Co-founder and vice-president** of the Associazione Culturale ArsMeteo which leads and supports the development of ArsMeteo, a portal for sharing artworks based on Social Web technologies, which allows art tagging and tag-based browsing (<http://www.arsmeteo.org>, online, since 2007, over 300.000 visitors). In connection with this activity she is currently coordinating the development of the ArsEmotica framework (<http://di.unito.it/arsemotica>).

## Contributions to the early career of researchers

- **Supervision of 6 PhD theses and 2 post docs:**
- 3 PhD students, Computer Science PhD program, Doct. School of Sciences and Inn. Technologies, XIII ciclo (ongoing): Endang W. Pamungkas, Komal Florio, Sohail Akhtar.
- 3 PhD students in co-tutelle with Paolo Rosso (University Politecnica de Valencia):
- Delia Irazu Hernandez Farias (XXX cycle). Thesis on "Irony and Sarcasm Detection, the Role of Affect". 2017. Evaluation: Excellent and Int. mention.
- Mirko Lai (XXX) cycle. Thesis on "Language and Structure in Polarized Communities". 2019. Evaluation Excellent cum laude.
- Simona Frenda (XXXIII ciclo); topic: "Sarcasm detection in hate speech in social media: a multilingual perspective". (ongoing)
- **Scientific responsible for post-doc position of young researchers:**
- Valerio Basile: 2-years postdoc, I hate Prejudice project. (2018-2019), now RTDA;
- Manuela Sanguinetti: 6 months postdoc, Studi e ricerche su sistemi conversazionali intelligenti project (ongoing).
- **Supervision** of the team of students obtaining the best results in the AMI@Ibereal2018 shared task on Automatic Misogyny Identification on English and Spanish tweets.
- **Supervision** of the team of students obtaining a special mention at EVALITA 2018 for the AMI@Evalita2018 shared task on English and Italian tweets (special mention for the best discussion, critical insights, and error analysis).

## On going grants

- Principal Investigator of the project  **EVALITA4ELG: Italian EVALITA Benchmark Linguistic Resources, NLP Services and Tools for the ELG platform** funded by European Language Grid: <https://www.european-language-grid.eu/open-calls/open-call-1> (starting in July 2020, 1 year project). ~130k
- Principal investigator of the project  **M.EMO.RAI** with RAI - Radiotelevisione Italiana, the national public broadcasting company of Italy, on measuring the emotional engagement of audiences of TV programs through social media (ongoing, funded in 2019, 1 year project). ~40k
- [https://www.unito.it/comunicati\\_stampa/memorai-lintelligenza-artificiale-che-monitora-le-emozioni-dei-telespettatori-sui](https://www.unito.it/comunicati_stampa/memorai-lintelligenza-artificiale-che-monitora-le-emozioni-dei-telespettatori-sui)
- Principal investigator of the project  **Studi e ricerche su sistemi conversazionali intelligenti** with TIM S.p.a, Italian telecommunications company, on the activity " *Enhancement in Natural Language processing*", task: *Enhanced Sentiment Analysis & NLG*" (ongoing, funded in 2019).~80k
- Principal investigator for the UniTO unit of the project *Be Positive!* (funded in 2020-22 under the "Google.org Impact Challenge on Safety" call - <https://impactchallenge.withgoogle.com/safety2019/charities/acmos-cifa>). ~250k
- Participant to the project  **STERHEOTYPES** (funded in 2020-23 under the "Challenge for Europe" call by Carlsberg Foundation, Volkswagen Stiftung and Compagnia San Paolo - <https://www.volkswagenstiftung.de/en/funding/our-funding-portfolio-at-a-glance/challenges-for-europe>). ~500k
- Participant to the ongoing project *Immigrants, Hate and Prejudice in Social Media (I hate Prejudice)* (funded by Compagnia di San Paolo).~70k
- <http://hatespeech.di.unito.it/ihateprejudice.html>

## Past grants (selection)

- **Contro l'odio: tecnologie informatiche, percorsi formativi e storytelling partecipativo per combattere l'intolleranza**, funded by the Italian Ministry of Work and Social Politics (Avviso n. 1/2017 for funding initiatives and projects of national relevance. Senior Participant. 2018-2019.
- **Hate Speech & Social Media**, funded by Fondazione CRT. Role: Senior Participant. 2016-2018.
- **Deep Content-centered Representation and Computation**. Ric. Locale UniTO. Role: PI. 2016-18
- **Ontology-based Affective Models to Organize and Access Artworks in the Social Semantic Web**. MIUR - Giovani Ricercatori. Role: PI: 2014-2015.
- **REVERSE: Reasoning on the Web with Rules and Semantics** (EU NoE FP6, Information Society Technologies (IST), Priority 2 under the project reference number 506779). REVERSE addresses the IST strategic action line "Semantic-based knowledge systems". 2004-2008. Role: young participant: UniTO unit.

## ● **JOB-RELATED SKILLS**

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### Scientific bibliography

My main research interests are in the areas of Natural Language Processing, Computational Linguistics and Affective Computing, and include sentiment analysis and emotion recognition (also applied to the cultural heritage domain) and irony detection, with a focus on social media texts. I am the principal investigator of the project M.EMO.RAI with RAI - Radiotelevisione Italiana, the national public broadcasting company of Italy, where the main goal is measuring the emotional engagement of audiences of TV programs through social media, with focus on developing supervised deep learning models to automatically analyze the constant influx of social media content about the television programs of RAI. I am applying my research in the field of hate speech monitoring, in the context of the following projects, with a special focus on hate speech against immigrants, populist rhetoric and automatic misogyny identification: IHateprejudice, Contro l'odio and the European project "STERHEOTYPES" (details on the projects follow). On the same themes, the follow-up of Contro l'odio is one of the 29 projects recently selected among 900 proposals submitted in the context of the call "Google.org Impact Challenge on Safety". I am supervising a group of PhD students on these topics, also in co-tutelle with the Universitat Politècnica de València. I have (co-)authored 100+ peer-reviewed-publications and serves on editorial boards and multiple committees in top conferences. I led the development of Twitter corpora for sentiment analysis, emotion detection and hate speech detection in Italian, English and Spanish, exploited in shared tasks and international evaluation campaigns for different languages (Semeval, Ibereval, Evalita). I contributed to knowledge and technology transfer in joint project with companies in our territories (e.g., M.EMO.RAI project, participation to the design of the ArsMeteo portal).

## **Job-related skills**

### **Teaching activities (courses)**

- Emotion-oriented systems (PhD in Computer Science, UniTO).
- Linguaggi Formali e Traduttori Lab (T1/T4), Corso di Laurea in Informatica, UniTO.
- Ambienti di sviluppo e linguaggi per il web, Master in Progettazione e Management del Multimedia per la Comunicazione, Master Universitario di I livello, UniTO.
- Human Computer Interaction, Corso di Laurea in Informatica, UniTO.
- Programming II (Java) Corso di Laurea in Informatica, UniTO.
- Fondamenti di Informatica e Programmazione II, UniTO

### **Research Activities**

#### **Research Areas**

■ **Main areas:** Natural language processing and Computational Linguistics; Sentiment analysis and stance detection in social media, with particular emphasis on political debates; Emotion recognition and figurative language processing in social media; Hate speech detection with particular emphasis on hate speech against immigrants, populist rhetoric, and automatic misogyny identification.

■ **Secondary areas:** Affective computing; Knowledge representation (Formal Models of Agent Interactions)

#### **Publications**

- +100 papers in peer-reviewed international conference and journal papers (see below for a non exhaustive list).
- Google Scholar : Citation 2491, indice h 27, indice i10: 62

#### **Service**

- Co-editor of a Special section of ACM Transactions on Internet Technology on Emotions in Conflictual Social Interactions, ACM. April 2020.  
<https://dl.acm.org/toc/toit/2020/20/2>
- Co-editor of a Special section of ACM Transactions on Internet Technology on Affect and Interaction in Agent-based Systems and Social Media, ACM. March 2017.  
<http://toit.acm.org/archive.cfm?id=3036639>
- Co-editor of a Special issue of the International Journal of Information Processing & Management, Elsevier on Emotion and Sentiment in Social and Expressive Media. January 2016  
<http://www.sciencedirect.com/science/journal/03064573/52/1>
- Co-editor of a Special issue of Information on "Love & Hate in the Time of Social Media and Social Networks" (Guest editor): <https://www.mdpi.com/2078-2489/9/8/185>. 2018.
- Editorial board of the IOS International journal Intelligenza Artificiale (editorial board:)  
<http://www.iospress.nl/journal/intelligenza-artificiale/>
- Editorial board/direttivo of Sistemi Intelligenti journal (editorial board/direttivo)  
<https://www.mulino.it/riviste/issn/1120-9550>
- Committee member of major international conferences on Artificial intelligence, NLP, Affective Computing (IJCAI, ACL, AACL, EMNLP-IJCNLP, NAACL-HTL, LREC, ACII).  
Invited reviewer for prestigious international journals (Computational Linguistics, ACM TOIT, ACM TWEB, IEEE Transactions on Affective Computing; IEEE Transactions on Knowledge and Data Engineering).
- CLIC-IT 2017: Fourth Italian Conference on Computational Linguistics. Area chair for the track: Pragmatics and Creativity: <http://sag.art.uniroma2.it/clic2017/it/organizzazione/>

- *Organization of evaluation campaigns and shared tasks for different languages*
  - co-Chair of the evaluation campaign **Evalita2018**: Evaluation of NLP and Speech tools for Italian
  - co-Chair of the evaluation campaign **Evalita2016**: Evaluation of NLP and Speech tools for Italian
    - **Semeval2019-Task5**: Organization of the shared task on *Multilingual Detection of Hate Speech Against Immigrants and Women in Twitter* at *SemEval 2019*
    - **Semeval2018-Task2**: Organization of the shared task on *Multilingual Emoji Prediction. Affect and Creative Language in Tweets* track at *SemEval 2018*
    - co-organizer of the shared task **Sentipolc**: SENTIment POLarity Classification Task@Evalita 2014 and 2016: Italian shared task on sentiment classification at message level on Italian tweets; sub-tasks: subjectivity classification, polarity classification, irony detection.  
<http://di.unito.it/sentipolc14/> ; <http://di.unito.it/sentipolc16/>
    - co-organizer of the shared task on **Stance and Gender Detection in Tweets on Catalan Independence**. Aim of the task: to detect the author's gender and stance with respect to the target "independence of Catalonia" in tweets written in Spanish and/or Catalan at **IBEREVAL17**  
<http://stel.ub.edu/Stance-IberEval2017/>
    - co-organizer of the shared task **IronITA@Evalita 2018**: Italian shared task on irony detection at message level on Italian tweets; sub-tasks: irony detection; different types of irony (with special focus on sarcasm identification).  
<http://di.unito.it/ironita18>
    - co-organizer of the shared task **ITamoji@Evalita 2018**. Italian shared task on emoji prediction on Italian tweets  
<https://sites.google.com/view/itamoji/home>
    - co-organizer of the shared task **SardiStance@Evalita 2020**. Italian shared task on stance detection on Italian tweets  
<https://di.unito.it/sardistance2020>
    - co-organizer of the shared task **HaSpeeDe@Evalita2020**. Italian shared task on hate speech detection on Italian tweets  
<http://di.unito.it/haspeede20>
- *Co-founder of workshop series on sentiment and emotion analysis*
  - *Computational Modeling of People's Opinions, Personality, and Emotions in Social Media (PEOPLES)*: PEOPLES@COLING 2016: Computational Modeling of People's Opinions, Personality, and Emotions in Social Media. PEOPLES@NAACL 2018: co-located with NAACL HLT 2018 - New Orleans, Louisiana June, 2018. PEOPLES@COLING 2020 (Barcelona, Spain).  
<https://peopleswksh.github.io>
  - *International Workshop Series on Emotion and Sentiment in Social and Expressive Media (ESSEM)* : ESSEM@AI\*IA 2013 (Turin), ESSEM@AAMAS 2015 (Istanbul), ESSEM@ACII 2017 (Texas, US), ESSEM@ACII 2019 (Cambridge, UK)  
<http://di.unito.it/essem19>
- *Co-chair of several special tracks at international conferences on AI and Big Data*:
  - **Emotions@AISB 2018**: Emotion Modeling and Detection in Social Media and Online Interaction. The symposium is part of the AISB 2018 Convention – 4th-6th April, 2018 – Liverpool, UK:  
<http://collab.di.uniba.it/aisbemotions/> (co-chair)

- AI4BigData@FLAIRS (2016, 2017, 2018, 2019, 2020):  
<http://www.di.unito.it/~patti/AI4BSDA18/AI4BigData18.htm>  
 (Edition 2018, 2019, 2020 co-chair with Eric Bell, Pacific Northwest National Laboratory (USA) and Marco Viviani, Uni. Milano Bicocca (Italy).
- SentIsData@DSAA (2015, 2016), SeCredisData@DSAA2018:  
<http://www.ir.disco.unimib.it/secredisdata2018/>
- **Selected publications:**
- **Complete list:**
  - DBLP: <http://dblp.uni-trier.de/pers/hd/p/Patti:Viviana>
  - Google Scholar: <https://scholar.google.it/citations?user=Th0j7coAAAAJ&hl=it>
- **Journals**
  - M. Lai, A. T. Cignarella, D. I. Hernández Farías, C. Bosco, V. Patti, P. Rosso, [Multilingual Stance Detection in Social Media Political Debates](#), Computer Speech & Language (2020).
  - M. Lai, M. Tambuscio, V. Patti, G. Ruffo, P. Rosso, [Stance polarity in political debates: A diachronic perspective of network homophily and conversations on Twitter](#), Data & Knowledge Engineering (2019).
  - V. Basile, N. Novielli, D. Croce, F. Barbieri, M. Nissim and V. Patti, [Sentiment Polarity Classification at EVALITA: Lessons Learned and Open Challenges](#), in IEEE Transactions on Affective Computing. (2019)
  - L. Mencarini, I. H. Farías & M. Lai & V. Patti & E. Sulis & D. Vignoli: [Happy parents' tweets: An exploration of Italian Twitter data using sentiment analysis](#), Demographic Research, Max Planck Institute for Demographic Research, Rostock, Germany, vol. 40 (25), pages 693-724. (2019)
  - C. A. Iglesias, V. Patti: [Editorial for the Special Issue on "Love & Hate in the Time of Social Media and Social Networks"](#). Information 9(8): 185 (2018)
  - V. Patti, C. Bosco, R. Damiano: [Implicazioni etiche dell'analisi di contenuti, emozioni e interazioni nei social media](#). Sistemi Intelligenti, a. XXIX, n. 3, dicembre 2017.
  - P. Basile, M. Nissim, V. Patti, R., Sprugnoli, F. Cutugno: [EVALITA Goes Social: Tasks, Data, and Community at the 2016 Edition](#). Italian Journal of Computational Linguistics (IJCOL), Volume 3 (1), pp. 93-127. June 2017
  - C. Clavel, R. Damiano, V. Patti, P. Rosso: [Affect and Interaction in Agent-Based Systems and Social Media: Guest Editors' Introduction](#). ACM Trans. Internet Techn. 17(1): 1:1-1:8 (2017)
  - E. Sulis, D. I. Hernández Farías, P. Rosso, V. Patti, G. Ruffo: [Figurative messages and affect in Twitter: Differences between #irony, #sarcasm and #not.Knowl.-Based Syst.](#) 108: 132-143. 2016.
  - D. I. Hernández Farías, V. Patti, P. Rosso: [Irony Detection in Twitter: The Role of Affective Content](#). ACM Trans. Internet Techn. 16(3): 19. 2016
  - P. Rosso, C. Bosco, R. Damiano, V. Patti, E. Cambria: [Emotion and sentiment in social and expressive media: Introduction to the special issue](#). Inf. Process. Manage. 52(1): 1-4 (2016)
  - F. Bertola, V. Patti: [Ontology-based affective models to organize artworks in the social semantic web](#). Inf. Process. Manage. 52(1): 139-162. 2016.
  - G. Attardi, V. Basile, C. Bosco, T. Caselli, F. Dell'Orletta, S. Montemagni, V. Patti, M. Simi, R. Sprugnoli. [State of the Art Language Technologies for Italian: The EVALITA 2014 Perspective](#). Intelligenza Artificiale 9(1): 43-61. 2015.

- M. Baldoni, C. Baroglio, E. Marengo, V. Patti, and F. Capuzzimati. Engineering commitment-based business protocols with 2CL methodology. *Journal of Autonomous Agents and Multi-Agent Systems*, 28(4):519-557, July 2014.
- M. Baldoni, C. Baroglio, E. Marengo, and V. Patti. Constitutive and Regulative Specifications of Commitment Protocols: a Decoupled Approach. *ACM Transactions on Intelligent Systems and Technology, Special Issue on Agent Communication*, 4(2):22:1-22:25, March 2013.
- C. Bosco, V. Patti, and A. Bolioli. Developing Corpora for Sentiment Analysis: The Case of Irony and Senti-TUT. *IEEE Intelligent Systems, Special issue on Knowledge-Based Approaches to Concept-Level Sentiment Analysis*, 28(2):55-63, 2013.
- M. Baldoni, C. Baroglio, V. Patti, and P. Rena. From Tags to Emotions: Ontology-driven Sentiment Analysis in the Social Semantic Web. *Journal of Intelligenza Artificiale*, 6(1):41-54, 2012.
- M. Baldoni, C. Baroglio, I. Brunkhorst, N. Henze, E. Marengo, and V. Patti. Constraint Modeling for Curriculum Planning and Validation. *International Journal of Interactive Learning Environments*, 19(1):83-123, 2011.
- F. Abel, M. Baldoni, C. Baroglio, N. Henze, R. Kawase, D. Krause, and V. Patti. Leveraging Search and Context Exploration by Exploiting Context in Folksonomy Systems. *New Review of Hypermedia and Multimedia, Special Issue on Hypertext and Web Science: Emergent Structures Communities and Collective Intelligence*, 16(1-2):33-70, 2010.
- M. Baldoni, C. Baroglio, A. Martelli, and V. Patti. Reasoning about interaction protocols for customizing web service selection and composition. *Journal of Logic and Algebraic Programming, special issue on Web Services and Formal Methods*, 70(1):53-73, January 2007.
- M. Baldoni, C. Baroglio, A. Martelli, V. Patti, and C. Schifanella. Reasoning on choreographies and capability requirements. *International Journal of Business Process Integration and Management, IJBPIM*, 2(4):247-261, 2007.
- G. Antoniou, M. Baldoni, C. Baroglio, R. Baungartner, F. Bry, T. Eiter, N. Henze, M. Herzog, W. May, V. Patti, S. Schaffert, R. Schidlauer, and H. Tompits. Reasoning Methods for Personalization on the Semantic Web. *Annals of Mathematics, Computing & Teleinformatics (AMCT)*, 2(1):1-24, 2004.
- M. Baldoni, C. Baroglio, and V. Patti. Web-based adaptive tutoring: an approach based on logic agents and reasoning about actions. *Artificial Intelligence Review*, 22(1):3-39, 2004.
- M. Baldoni, L. Giordano, A. Martelli, and V. Patti. Programming Rational Agents in a Modal Action Logic. *Annals of Mathematics and Artificial Intelligence, Special issue on Logic-Based Agent Implementation*, 41(2-4):207-257, 2004.
- **Conference proceedings, book chapters, etc. (selection):**
  - E. W. Pamungkas, V. Basile, V. Patti: Do You Really Want to Hurt Me? Predicting Abusive Swearing in Social Media. In *Proceedings of the 12th International Conference on Language Resources and Evaluation (LREC 2020)*. Marseille, France (2020)
  - E. W. Pamungkas, V. Patti: Cross-domain and Cross-lingual Abusive Language Detection: A Hybrid Approach with Deep Learning and a Multilingual Lexicon. In *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics: Student Research Workshop*: 363-370 (2019).
  - G. Comandini, V. Patti. An Impossible Dialogue! Nominal Utterances and Populist Rhetoric in an Italian Twitter Corpus of Hate Speech against Immigrants. In *Proceedings of the Third Workshop on Abusive Language Online at ACL 2019*: 163–171(2019).



- V. Basile, C. Bosco, E. Fersini, D. Nozza, V. Patti, F. Rangel, P. Rosso, M. Sanguinetti: SemEval 2019 task 5: Multilingual detection of hate speech against immigrants and women in Twitter. In Proceedings of SemEval@NAALC 2019.
- K. Florio, V. Basile, M. Lai, V. Patti: Leveraging Hate Speech Detection to Investigate Immigration-related Phenomena in Italy. ACII Workshops 2019.
- S. Akhtar, V. Basile, V. Patti: A New Measure of Polarization in the Annotation of Hate Speech. Proc. of AI\*IA 2019: 588-603
- A.T. E. Capozzi, M. Lai, V. Basile, C. Musto, M. Polignano, F. Poletto, M. Sanguinetti, C. Bosco, V. Patti, G. Ruffo, G. Semeraro, M. Stranisci: Computational Linguistics Against Hate: Hate Speech Detection and Visualization on Social Media in the "Contro L'Odio" Project. CLiC-it 2019.
- F. Poletto, V. Basile, C. Bosco, V. Patti, M. Stranisci: Annotating Hate Speech: Three Schemes at Comparison. CLiC-it 2019.
- S. Frenda, V. Patti: Computational Models for Irony Detection in Three Spanish Variants. IberLEF@SEPLN 2019: 297-309.
- S. Frenda, N. Kando, V. Patti and P. Rosso. Stance or insults. Proceedings of the Ninth International Workshop on Evaluating Information Access (EVIA 2019).
- E. W. Pamungkas, A. T. Cignarella, V. Basile, V. Patti: Automatic Identification of Misogyny in English and Italian Tweets at EVALITA 2018 with a Multilingual Hate Lexicon. EVALITA@CLiC-it 2018
- M. Sanguinetti, F. Poletto, C. Bosco, V. Patti, M. Stranisci. An Italian Twitter Corpus of Hate Speech against Immigrants. In Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018). Miyazaki, Japan.
- E. W. Pamungkas, A. T. Cignarella, V. Basile, V. Patti: 14-ExLab@UniTo for AMI at IberEval2018: Exploiting Lexical Knowledge for Detecting Misogyny in English and Spanish Tweets. IberEval@SEPLN 2018: 234-241.
- E. Bassignana, V. Basile, V. Patti. Hurtlex: A Multilingual Lexicon of Words to Hurt. In Proceedings of the Fifth Italian Conference on Computational Linguistics (CLiC-It 2018).
- Arthur T. E. Capozzi, Viviana Patti, Giancarlo Ruffo, and Cristina Bosco. 2018. A Data Viz Platform as a Support to Study, Analyze and Understand the Hate Speech Phenomenon. In *Proceedings of the 2nd International Conference on Web Studies (WS.2 2018)*, ACM, New York, NY, USA, 28-35.
- E. W. Pamungkas, V. Basile, V. Patti. Stance Classification for Rumour Analysis in Twitter: Exploiting Affective Information and Conversation Structure. 2nd Int. Workshop on Rumours and Deception in Social Media (RDSM@CIKM2018).
- F. Barbieri, J. Camacho-Collados, F. Ronzano, L. Espinosa Anke, M. Ballesteros, V. Basile, V. Patti, H. Saggion: SemEval 2018 Task 2: Multilingual Emoji Prediction. SemEval@NAACL-HLT 2018: 24-33
- D. I. Hernández Farías, V. Patti, P. Rosso. ValenTO at SemEval-2018 Task 3: Exploring the Role of Affective Content for Detecting Irony in English Tweets. SemEval@NAACL-HLT 2018: 643-648
- E. W. Pamungkas, V. Patti: #NonDicevoSulSerio at SemEval-2018 Task 3: Exploiting Emojis and Affective Content for Irony Detection in English Tweets. SemEval@NAACL-HLT 2018: 649-654
- A. T. Cignarella, Cristina Bosco, Viviana Patti, Mirko Lai: Application and Analysis of a Multi-layered Scheme for Irony on the Italian Twitter Corpus TWITTIRÒ. LREC 2018
- M. Lai, V. Patti, G. Ruffo, P. Rosso: Stance Evolution and Twitter Interactions in an Italian Political Debate. NLDB 2018: 15-27

- J. Karoui, F. Benamara, V. Moriceau, V. Patti, C. Bosco, N. Aussenac-Gilles: Exploring the Impact of Pragmatic Phenomena on Irony Detection in Tweets: A Multilingual Corpus Study. Proc. of EACL (1) 2017: 262-272  
ACL.
- M. Taulé, M. Antònia Martí, F. M. Rangel Pardo, P. Rosso, C. Bosco, V. Patti: Overview of the Task on Stance and Gender Detection in Tweets on Catalan Independence. Proc. Of. IberEval@SEPLN 2017. CEUR Workshop Proceedings 1881, CEUR-WS.org, pp. 157-177.
- M. Lai, M. Tambuscio, V. Patti, G. Ruffo and P. Rosso. Extracting Graph Topological Information and Users' Opinion. In Proc. of CLEF 2017. LNCS.
- Delia Irazú Hernández Farías, Cristina Bosco, Viviana Patti, Paolo Rosso: Sentiment Polarity Classification of Figurative Language: Exploring the Role of Irony-Aware and Multifaceted Affect Features. CICLing (2) 2017: 46-57
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## Public Engagement and Invited Talks

- 24/01/2020 CONIGLI DIGITALI (Servizio all'interno di TV7 - TG1): Intervista su odiatori, hate speech e misoginia su Tv7 RAI1 nel servizio di Daniele Valentini: **CONIGLI DIGITALI**. Donne, immigrati stranieri, ebrei e musulmani sono i principali bersagli dell'odio che sempre di più si diffonde sui social in rete, ma anche nella vita reale. Intervista 7/12/19 al CLE. Indicato numero spettatori TV7 (fonte: Auditel).
- 18/06/2019 **Fighting Discrimination and Hate Speech: Is interculturalism the solution?**: Expert talk for the WG 1: *How can Artificial Intelligence prevent and combat discrimination, hate speech and hate crime?*
- 07/05/2019: **Gender Lunch Seminars**: Invited seminar on "Misogyny and social Media". Interfaculty centre for gender studies - Università Vita-Salute San Raffaele
- 16/10/2019 Convegno sullo Hate Speech a Torino. Invited talk for the opening round table.
- 16/05/2020 **Women in Machine Learning & Data Science @ Google**: Invited talk on: "Love and Hate in the Time of Social Media: a Computational Linguistics Perspective".
- 05/03/2019 **Women in Data Science (WiDS)**: Invited talk <https://www.unito.it/eventi/women-data-science-le-scientiate-dei-dati>
- 25/11/2019 **Unit\* contro la violenza sulle donne nell'era digitale. Uno sguardo multidisciplinare**: Invited talk: <https://www.unito.it/eventi/unit-contro-la-violenza-sulle-donne-nellera-digitale-uno-sguardo-multidisciplinare>
- 22/11/2019 **Press Conference M.EMO.RAI**: [https://www.unito.it/comunicati\\_stampa/memorai-lintelligenza-artificiale-che-monitora-le-emozioni-dei-telespettatori-sui](https://www.unito.it/comunicati_stampa/memorai-lintelligenza-artificiale-che-monitora-le-emozioni-dei-telespettatori-sui)
- 06/11/2019 **CodingGirls**: Co-organizer: [https://www.unito.it/comunicati\\_stampa/il-tour-delle-le-coding-girls-parte-da-torino](https://www.unito.it/comunicati_stampa/il-tour-delle-le-coding-girls-parte-da-torino)

## ● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>					

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user