

Jacopo Staiano

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Personal

Born: Pompeii, 13/02/1981
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Current Position

Associate Professor
NLP - AI
Document Intelligence

Current Role

I have joined the Department of Economics & Management of the [University of Trento](#) in October 2022, in the area of Information Processing Systems.

Research Interests & Experience

My research experience encompasses a broad range of domains: from sonic arts to computer vision, from natural language processing to ubiquitous technologies. Several of my works propose computational approaches to tackle research problems in the social sciences domain.

I have published in top-tier conferences/journals (ACL, WWW, ACM UbiComp, NeurIPS, ICML, EMNLP, TPAMI, UMUAI among others).

My research has received significant exposure on the international press (Forbes, MIT Tech Review, Bloomberg among others); further, I have been awarded with: Honorable Mention at ACM DIS 2012, Best Paper Award at ACM UbiComp 2014, the UMUAI “James Chen Annual Award for Best Journal Article” in 2016, the EACL Outstanding Paper Award in 2023, and the Ten Year Technical Impact Award from ACM ICMI in 2025. In 2017, the team I coordinated won the SemEval challenge (task 5.2) on predicting bullish vs bearish sentiment from financial news headlines.

I have conducted research in collaboration with major Telcos (Telefonica, Orange, Telecom Italia) and world-renowned labs (Human Dynamics at MIT Media Lab, Ambient Intelligence Research at Stanford University, LIP6 at UPMC Paris).

I am Senior Research Affiliate at [DataPop Alliance](#), a global coalition on Big Data and development created by the Harvard Humanitarian Initiative, MIT Media Lab, and Overseas Development Institute.

I have joined [ELLIS - the European Laboratory for Learning and Intelligent Systems](#) as a member in 2022; in October 2024 I have been elected as ELLIS scholar in the [ELLIS Trento Unit](#).

Professional Experience

Employer: [reciTAL](#)

Position: Scientific Director

Period: September 2018 - September 2022

City: Paris, FR

Duties: I built and led a small, young, and very talented team who mastered, advanced (with > 20 peer-reviewed publications in top-tier venues), and put in production the state-of-the-art methods in Natural Language Processing and Document Intelligence.

Employer: [Fortia Financial Solutions](#)

Position: Senior Research & Data Scientist

Period: October 2016 - August 2018

City: Paris, FR

Duties: I worked mostly on NLP tasks such as sentence classification, information extraction, and on the parsing of heterogenous PDF documents. Methods used include CNNs and LSTM networks, using `Keras-Tensorflow`, and text-mining built on top of `nlTK` and `spacy` libraries. I built the datasets used for training our models, searching and scraping diverse online sources and indexing them on ElasticSearch and Neo4j instances. I continuously reviewed and tested the code produced by the team, performing refactoring and optimizations to make it production-ready and designing and implementing the API communication protocols. I researched, designed and proposed potentially valuable product prototypes.

Employer: [Laboratoire d'Informatique de Paris 6, UPMC - Sorbonne Universités](#)

Position: Post-Doctoral Researcher

Period: January 2015 - October 2016

City: Paris, FR

Duties: Lead Researcher on IoT & Smart Cities, Web Science, NLP (see publications in Big Data Journal, WWW 2015, WWW 2016, IEEE TPAMI)

Employer: [Mobile & Social Computing Lab, FBK](#)

Position: Post-Doctoral Researcher

Period: June 2014 - December 2014

City: Trento, IT

Duties: Researcher on Mobile Computing, Smart Cities, NLP (see publications in ICMI 2014, ACM UBICOMP 2014, ACL 2014)

Employer: [Intelligent Systems Lab, University of Amsterdam](#)

Position: Scientific Programmer

Period: May 2008 - November 2009

City: Amsterdam, NL

Duties: Development of computer vision applications within the MIAUCE EU-funded project; main developer and maintainer of the eMotion Recognition Software, now part of [SightCorp](#)

Employer: [Mc3 Informatica](#)

Position: IT Consultant

Period: September 2007 - May 2008

City: Rome, IT

Duties: Development of J2EE applications for [Sogei](#) (technological partner of the Italian Tax Administration)

Employer: [Insirio SPA](#)

Position: IT Consultant

Period: January 2006 - August 2007

City: Rome, IT

Duties: Development of J2EE applications for [INAIL](#) (Italian Workers' Compensation Authority)

Employer: [Sykes Enterprises](#)

Position: Nokia Networks Agent

Period: April 2004 - July 2004

City: Amsterdam, NL

Duties: Technical support for Nokia's GSM-GPRS-UMTS mobile networks

Technical Skills

Programming Languages: C++, Java, python, Matlab, R.

Domains: Natural Language Processing, Pervasive and Ubiquitous Computing, Computational Social Science, Privacy, Smart Cities, Web Science, Computer Vision.

Education

National Scientific qualification as full professor, disciplinary field 09/H1 - Information processing systems.

National Scientific qualification as associate professor, disciplinary field 09/H1 - Information processing systems.

National Scientific qualification as full professor, disciplinary field 01/B1 - Informatics.

National Scientific qualification as associate professor, disciplinary field 01/B1 - Informatics.

Ph.D. in [Information and Communication Technology](#), University of Trento, 2014.

M.Sc. [Human Language Technology and Interfaces](#), University of Trento, 2010.

M.A. [Sonic Arts](#), [Sonic Arts Research Center](#), Queen's University of Belfast, 2005.

B.Eng. [Computer Engineering](#), University of Pisa, 2003.

Awards

Ten Year Technical Impact Award - ACM ICMI 2025.

Outstanding Paper Award - EACL 2023.

James Chen Annual Award for Best Journal Article - 2016.

Best Paper Award, ACM UbiComp 2014.

Honorable Mention, ACM DIS 2012.

Visiting Researcher Experience

[Telefonica R&D](#) - [Telefonica](#) - Barcellona, Spain

November 2013 - February 2014 *advisor*: Dr. Nuria Oliver

During my visiting period at TID, I have focused on three projects: the Mobile Data Monetization (MDM) study, as principal investigator, which constituted the primary reason for my visit; the Crime Prediction from Aggregated and Anonymized Mobile Data project, a follow-up of the winning proposal of the Datathon 4 Social Good I contributed to, whose outcomes have been presented as full paper at ACM ICMI 2014; and, the Psychographics project in collaboration with Bouygues Telecom (France). For the MDM study, I have designed and implemented the entire experimental infrastructure, including real-time monitoring tools to oversee the status of the data collection. I have post-processed and analyzed the data, and the research findings have been published as full paper in the ACM UbiComp 2014 proceedings (the paper has won the Best Paper Award).

Human Dynamics Lab - MIT Media Lab, Cambridge MA, USAAugust-September 2013 *advisor*: Prof. Alex Pentland

During this visit, I have worked on the integration of *social health maps* (a visualization and analysis framework meant to provide high-level insights from real-time data sources) with personal data under the user-centric personal data store paradigm. I have participated to the Datathon 4 Social Good, organized by Telefonica and the Open Data Institute among others at the CampusPartyEU gathering in London. Our team won the first prize with a project aimed at predicting next month crime levels for London areas, based on open and SmartSteps data.

Human Dynamics Lab - MIT Media Lab, Cambridge MA, USAOctober 2011 *advisor*: Prof. Alex Pentland

During this visit, I have investigated the relationships between individual attributes and structural network characteristics, using smartphone data. This visit led to a work published at ACM UbiComp 2012 and to the opening of a promising direction in assessing how relationships emerge and evolve in real-life social networks.

Ambient Intelligence Research Lab - Stanford University, Palo Alto CA, USAMay 2010 - July 2010 *advisor*: Prof. Hamid Aghajan

During my stay at Stanford University, I have worked on gathering a novel audio/visual dataset in a smart meeting setting, involving remote participants and less constrained if compared to previous data collections. I contributed to the design of a first prototype of the proposed smart meeting system.

Invited Talks**Open Government Partnership Global Summit** - Paris, France

December 9th 2016

I was invited to join, as panelist, the “*Will algorithms weaken or revive democratic governance?*” workshop. In my speech I elaborated on the potential downsides and upsides of current development in AI and decentralization technologies, focusing on what factors – in the context of algorithms for social good – can help limit the risks while maximizing the potential benefits.

Université Paris-Sorbonne - Paris, France

June 13th 2016

I gave a one-hour seminar titled “From Data to City Science: Challenges & Opportunities for the Cities of Tomorrow” at the “The European Capitals of the Future in the context of Innovation and Eco-sustainability” International Research Seminar.

Telefonica I+D - Barcellona, Spain

November 20th 2014

I was invited to present my work on the economics of personal data at the Data Transparency Lab Launch Workshop.

Lutin Userlab - Paris, France

October 22th 2014

I gave a one-hour talk on my work on living labs and user behavior research, with a particular focus on my study on the economics of personal data.

Microsoft Research - Redmond WA, USA

August 24th 2012

I was invited to give a one-hour talk on my research activities by the Adaptive Systems and Interaction group, focusing on personality recognition from social network structure, on the use of wearables for organizational studies, and on automated emotion tracking for User eXperience evaluation.

Stanford University - Palo Alto CA, USA

June 11th 2010

I gave a 15-minutes talk, titled "Social Avatars For Tele-presence", at the [Ambient Intelligence: From Sensor Networks to Smart Environments and Social Media](#) workshop.

Publications

available for download at staiano.net/#research

Journal Articles

- [1] The LLM wears Prada: Analysing gender bias and stereotypes through online shopping data - M Luca, C Beneduce, B Lepri, J Staiano - *arXiv preprint [arXiv:2504.01951](https://arxiv.org/abs/2504.01951)* - under review.
- [2] SokoBench: Evaluating Long-Horizon Planning and Reasoning in Large Language Models - S Monti, C Nicolini, G Pellegrini, J Staiano, B Lepri - *arXiv preprint [arXiv:2601.20856](https://arxiv.org/abs/2601.20856)* - under review.
- [3] ProfVLM: A Lightweight Video-Language Model for Multi-View Proficiency Estimation - E Bianchi, J Staiano, A Liotta - *arXiv preprint [arXiv:2509.26278](https://arxiv.org/abs/2509.26278)* - under review.
- [4] Hyperdimensional Probe: Decoding LLM Representations via Vector Symbolic Architectures - M Bronzini, C Nicolini, B Lepri, J Staiano, A Passerini - *arXiv preprint [arXiv:2509.25045](https://arxiv.org/abs/2509.25045)* - under review.
- [5] Glitter or Gold? Deriving Structured Insights from Sustainability Reports via Large Language Models - M. Bronzini, C. Nicolini, B. Lepri, A. Passerini, J. Staiano - *EPJ Data Science*, 2024.
- [6] DepecheMood++: a Bilingual Emotion Lexicon Built Through Simple Yet Powerful Techniques - O. Araque, L. Gatti, J. Staiano, and M. Guerini - *IEEE Transaction on Affective Computing*, 2019.
- [7] Investigating the Role of Social Interactions on Personality States Dynamics - D. Gundogdu, J. Staiano, A. Finnerty, S. Teso, A. Passerini, F. Pianesi, B. Lepri - *Royal Society Open Science*, 2017
- [8] SALSA: A Novel Dataset for Multimodal Group Behavior Analysis - X. Alameda-Pineda, J. Staiano, R. Subramanian, L. Batrinca, E. Ricci, B. Lepri, O. Lanz, N. Sebe - *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2016
- [9] The Role of Personality in Shaping Social Networks and Mediating Behavioral Change - B. Lepri, J. Staiano, E. Shmueli, F. Pianesi, A. Pentland - *User Modeling and User-Adapted Interaction: The Journal of Personalization Research*, 2016 – **James Chen Annual Award for Best Journal Article**
- [10] Moves on the Street: Classifying Crime Hotspots Using Aggregated Anonymized Data on People Dynamics - A. Bogomolov, B. Lepri, J. Staiano, E. Letouze N. Oliver, F. Pianesi, A. Pentland - *Big Data Journal*, 2015
- [11] Connecting meeting behavior with Extraversion - A systematic study - B. Lepri, R. Subramanian, K. Kalimeri, J. Staiano, F. Pianesi, N. Sebe - *IEEE Transactions on Affective Computing*, 2012
- [12] Looking at the Viewer: Exploiting Facial Activities to Detect Personal Highlights of Multimedia Contents - H. Joho, J. Staiano, N. Sebe, J. Jose - *International Journal of Multimedia Tools and Applications, Special Issue on Hot Research Topics in Multimedia*, 2011

Book Chapters

- [13] The Tyranny of Data? The Bright and Dark Sides of Data-Driven Decision-Making for Social Good - B. Lepri, J. Staiano, D. Sangokoya, E. Letouzé, N. Oliver - in T. Cerquitelli, D. Quercia, F. Pasquale *Transparent Data Mining for Big and Small Data, Studies in Big Data Series, Springer*

- [14] The Rise of Decentralized Personal Data Markets - J. Staiano, G. Zyskind, B. Lepri, N. Oliver, A. Pentland - in T. Hardjono, D. Shrier, A. Pentland *Trusted Data: A New Framework for Identity and Data sharing*, MIT Press

Conferences

- [15] How to Take a Memorable Picture? Empowering Users with Actionable Feedback - F Laiti, D Talon, J Staiano, E Ricci - *CVPR 2026* - *arXiv preprint* [arXiv:2602.21877](https://arxiv.org/abs/2602.21877).
- [16] Face the Facts! Evaluating RAG-based Pipelines for Professional Fact-Checking - D Russo, S Menini, J Staiano, M Guerini - *Proceedings of the 18th International Natural Language Generation Conference*.
- [17] Argumentative Analysis of Legal Rulings: A Structured Framework Using Bobbitt's Typology - C Giachetta, R Bernardi, B Montini, J Staiano, S Tomasi - *Proceedings of the 12th Argument mining Workshop, 107-115*.
- [18] MedSyn: enhancing diagnostics with human-AI collaboration - B Sayin, IB Schlicht, NV Hong, S Allievi, J Staiano, P Minervini, A Passerini - *arXiv preprint* [arXiv:2506.14774](https://arxiv.org/abs/2506.14774).
- [19] The LLM wears Prada: Analysing gender bias and stereotypes through online shopping data - M Luca, C Beneduce, B Lepri, J Staiano - *arXiv preprint* [arXiv:2504.01951](https://arxiv.org/abs/2504.01951).
- [20] Nesciun Lengaz Lascià Endò: Machine Translation for Fassa Ladin - G. Valer, N. Penzo, J. Staiano - *CLiC-it 2024: Tenth Italian Conference on Computational Linguistics*.
- [21] Hopfield networks for asset allocation - C. Nicolini, M. Gopalan, B. Lepri, J. Staiano - *ICAIF 2024, The 5th ACM International Conference on AI in Finance*.
- [22] Unveiling LLMs: The Evolution of Latent Representations in a Dynamic Knowledge Graph - M. Bronzini, C. Nicolini, B. Lepri, J. Staiano, A. Passerini - *COLM 2024, The 1st Conference on Language Modeling*.
- [23] Can LLMs Correct Physicians, Yet? Investigating Effective Interaction Methods in the Medical Domain - B. Sayin, P. Minervini, J. Staiano, A. Passerini - *NAACL 2024, The 6th Clinical Natural Language Processing Workshop*.
- [24] Countering Misinformation via Emotional Response Generation - D. Russo, S. P. Kaszefski-Yaschuk, J. Staiano, M. Guerini - *EMNLP 2023*.
- [25] Let's ViCE! Mimicking Human Cognitive Behavior in Image Generation Evaluation - F. Betti, J. Staiano, L. Baraldi, L. Baraldi, R. Cucchiara, N. Sebe *The 31st ACM International Conference on Multimedia ACM MultiMedia 2023 (Brave New Ideas track)*.
- [26] LoRaLay: A Multilingual and Multimodal Dataset for Long Range and Layout-Aware Summarization - L. Nguyen, T. Scialom, B. Piwowarski, J. Staiano *The 17th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2023) – Outstanding Paper Award*
- [27] A Novel Gradient Accumulation Method for Calibration of Named Entity Recognition Models - G Jouet, C Duhart, J Staiano, F Rousseaux, C de Runz *2022 International Joint Conference on Neural Networks (IJCNN), 2022*
- [28] Which Discriminator for Cooperative Text Generation? - A Chaffin, T Scialom, S Lamprier, J Staiano, B Piwowarski, E Kijak, V Claveau *ACM SIGIR, 2022*
- [29] Generative Cooperative Networks for Natural Language Generation - S Lamprier, T Scialom, A Chaffin, V Claveau, E Kijak, J Staiano, B Piwowarski *ICML, 2022*

- [30] Skim-Attention: Learning to Focus via Document Layout - L Nguyen, T Scialom, J Staiano, B Piwowarski *Findings of EMNLP*, 2021
- [31] To Beam Or Not To Beam: That is a Question of Cooperation for Language GANs - T Scialom, PA Dray, S Lamprier, B Piwowarski, J Staiano *NeurIPS*, 2021
- [32] Rethinking Automatic Evaluation in Sentence Simplification - T Scialom, L Martin, J Staiano, ÉV de la Clergerie, B Sagot *arXiv preprint arXiv:2104.07560*
- [33] Data-QuestEval: A Referenceless Metric for Data to Text Semantic Evaluation - C Rebuffel, T Scialom, L Soulier, B Piwowarski, S Lamprier, J Staiano, G Scoutheeten, P Gallinari *EMNLP*, 2021
- [34] Questeval: Summarization asks for fact-based evaluation - T Scialom, PA Dray, P Gallinari, S Lamprier, B Piwowarski, J Staiano, A Wang *EMNLP*, 2021
- [35] ColdGANs: Taming Language GANs with Cautious Sampling Strategies - T. Scialom, PA Dray, S. Lamprier, B. Piwowarski, J. Staiano *NeurIPS*, 2020
- [36] Discriminative Adversarial Search for Abstractive Summarization - T. Scialom, PA Dray, S. Lamprier, B. Piwowarski, J. Staiano *ICML*, 2020
- [37] MLSUM: The Multilingual Summarization Corpus - T. Scialom, PA Dray, S. Lamprier, B. Piwowarski, J. Staiano *EMNLP*, 2020
- [38] What BERT Sees: Cross-Modal Transfer for Visual Question Generation - T. Scialom, P. Bordes, PA Dray, J. Staiano, P. Gallinari *INLG*, 2020
- [39] Ask to Learn: A Study on Curiosity-driven Question Generation - T. Scialom, J. Staiano *COLING*, 2020
- [40] Synthetic Data Augmentation for Zero-Shot Cross-Lingual Question Answering - A. Riabi, T. Scialom, R. Keraron, B. Sagot, D. Seddah, J. Staiano *arXiv preprint (arXiv:2010.12643)*
- [41] Toward Stance-based Personas for Opinionated Dialogues - T. Scialom, SS Tekiroglu, J. Staiano, M. Guerini - *Findings of EMNLP*, 2020
- [42] Project PIAF: Building a Native French Question-Answering Dataset - R. Keraron, G. Lancrenon, M. Bras, F. Allary, G. Moyses, T. Scialom, EP Soriano-Morales, J. Staiano *LREC*, 2020
- [43] Answers unite! unsupervised metrics for reinforced summarization models - T. Scialom, S. Lamprier, B. Piwowarski, J. Staiano *EMNLP*, 2020
- [44] Self-Attention Architectures for Answer-Agnostic Question Generation - T. Scialom, B. Piwowarski, J. Staiano - *The 57th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2019.
- [45] Fortia-FBK at SemEval-2017 Task 5: Bullish or Bearish? Inferring Sentiment towards Brands from Financial News Headlines - Y. Mansar, L. Gatti, S. Ferradans, M. Guerini, J. Staiano - *11th International Workshop on Semantic Evaluation (SemEval-2017)*, *ACL, 2017* – **Benchmark Winner**
- [46] Managing Personal Information: A Telco Perspective - E. Szczekocka, J. Gromada, A. Filipowska, P. Jankowiak, P. Kałuzny, A. Brun, J.M. Portugal, J. Staiano - *19th Innovation in Clouds, Internet and Networks Conference (ICIN)*, 2016
- [47] The Death and Life of Great Italian Cities: A Mobile Phone Data Perspective - M. De Nadai, J. Staiano, R. Larcher, N. Sebe, D. Quercia, B. Lepri - *25th International World Wide Web Conference (WWW)*, 2016
**featured on [MIT Tech Review](#)*

- [48] Deep Feelings: A Massive Cross-Lingual Study on the Relation between Emotions and Virality - M. Guerini, J. Staiano - *24th International World Wide Web Conference (WWW)*, 2015
*featured on [MIT Tech Review](#), [Linkiesta](#)
- [49] Money Walks: A Human-Centric Study on the Economics of Personal Mobile Data - J. Staiano, B. Lepri, N. Oliver, R. Oliveira, N. Sebe - *ACM International Conference on Ubiquitous Computing (UBICOMP)*, 2014 – **Best Paper Award**
*featured on [MIT Tech Review](#), [The Washington Post](#), [La Repubblica](#), [La Stampa](#).
- [50] Depeche Mood: A Lexicon for Emotion Analysis from Crowd Annotated News - J. Staiano, M. Guerini - *The 52nd Annual Meeting of the Association for Computational Linguistics (ACL)*, 2014. – **DEMO**
*featured on [Corriere della Sera](#)
- [51] Once Upon a Crime: Towards Crime Prediction from Demographics and Mobile Data - A. Bogomolov, B. Lepri, J. Staiano, N. Oliver, F. Pianesi, A. Pentland - *16th ACM International Conference on Multimodal Interaction (ICMI)*, 2014.
*featured on [Forbes](#), [The Register](#)
- [52] On the relationship between head pose, social attention and personality prediction for unstructured and dynamic group interactions - R. Subramanian, Y. Yan, J. Staiano, O. Lanz, N. Sebe - *15th ACM International Conference on Multimodal Interaction (ICMI)*, 2013.
- [53] Ego-Centric Graphlets for Personality and Affective States Recognition - S. Teso, J. Staiano, A. Passerini, B. Lepri, F. Pianesi - *ASE/IEEE International Conference on Social Computing*, 2013. [short]
- [54] Exploring Image Virality in Google Plus - M. Guerini, J. Staiano, D. Albanese - *ASE/IEEE International Conference on Social Computing*, 2013
*featured on [MIT Tech Review](#).
- [55] Multimodal Engagement Classification for Affective Cinema - M. K. Abadi, J. Staiano, A. Cappelletti, M. Zancanaro, N. Sebe - *Affective Computing and Intelligent Interaction*, 2013.
- [56] The SocioMetric Badges Corpus: Collecting Multilevel Behavioral Data for Studying Complex Organizations - B. Lepri, J. Staiano, G. Rigato, K. Kalimeri, A. Finnerty, F. Pianesi, N. Sebe, A. Pentland - *ASE/IEEE International Conference on Social Computing*, 2012.
- [57] Enhanced Semantic Descriptors for Functional Scene Categorization - G. Zen, N. Rostamzadeh, J. Staiano, E. Ricci, N. Sebe - *IAPR International Conference on Pattern Recognition (ICPR)*, 2012.
- [58] Friends don't Lie - Inferring Personality Traits from Social Network Structure - J. Staiano, B. Lepri, N. Aharony, F. Pianesi, N. Sebe, A. Pentland - *ACM International Conference on Ubiquitous Computing (UBICOMP)*, 2012
*featured on [La Stampa](#).
- [59] UX_Mate: From Facial Expressions to UX Evaluation - J. Staiano, M. Menendez, A. Battocchi, A. De Angeli, N. Sebe - *ACM Designing Interactive Systems (DIS)*, 2012 **Best Paper Nominee**.
- [60] Contextual Modeling of Personality States Dynamics in Face to Face Interactions - J. Staiano, B. Lepri, K. Kalimeri, F. Pianesi, N. Sebe - *IEEE International Conference on Social Computing*, 2011. [short]
- [61] Automatic Modeling of Personality States in Small Group Interactions - J. Staiano, B. Lepri, R. Subramanian, F. Pianesi, N. Sebe - *ACM MultiMedia*, 2011. [short]
- [62] Employing Social Gaze and Speaking Activity for Automatic Determination of the Extraversion Trait - B. Lepri, R. Subramanian, K. Kalimeri, J. Staiano, F. Pianesi, N. Sebe - *International Conference on Multimodal Interfaces (ICMI)*, 2010.

- [63] Putting the Pieces Together: Multimodal Analysis of Social Attention in Meetings - R. Subramanian, J. Staiano, K. Kalimeri, N. Sebe, F. Pianesi - *ACM MultiMedia*, 2010. [short]
- [64] Webcam-Based Visual Gaze Estimation - R. Valenti, J. Staiano, N. Sebe, T. Gevers - *International Conference on Image Analysis and Processing (ICIAP)*, 2009.
- [65] Creating Accessible Bitmapped Graphs for the Internet - G. McAllister, J. Staiano, W. Fu - *Haptic and Audio Interaction Design (HAID)*, 2006.

Teaching and Mentoring Activities

Co-Director for +10 PhD theses, 2018 - 2024.

Teacher for the “Applied NLP” course, MSc in Artificial Intelligence Systems, University of Trento.

Teacher for the “Introduction to AI” course, University of Trento.

Teacher for the “Introduction to Computer Programming for Economics and Management” course, University of Trento.

Teacher for the “Python for Business” crash course, University of Trento.

Teacher for the “Introduction to AI for Business” crash course, University of Trento.

Teacher for the “Fundamentals of AI” crash course, University of Trento.

Teacher for the “Python for Data Science” crash course, University of Trento.

Co-organizer of the Trento Open Source Festival 2024.

Co-organizer and mentor for the pilot StartUp Course activated by the European Institute of Technology in collaboration with Intel and JA-YE. I co-mentored the three student teams who submitted to the challenge. One of these was selected for the final event in Dublin.

Scientific Community Participation

Program Committee Member of *ASE/IEEE SocialCom* 2012, *ACM MultiMedia* 2014, *ACM MultiMedia* 2015, *ACM Digital Health* 2015, *ACM Digital Health* 2016, *ACM CHI* 2016, *WWW* 2016, *ACM MultiMedia* 2016, *CLiC-it* 2018, *CLiC-it* 2019, *ACL* 2020, *EMNLP* 2020, *EMNLP* 2021, *ACL* 2022.

Reviewer for *IEEE Pervasive Computing Magazine*, *IEEE TAC*, *Pervasive and Mobile Computing*, *Journal on Multimodal User Interfaces*, *ACM TOCHI*, *ACM MultiMedia*, *ACM TAFF*, *IEEE MultiMedia*, *Neurocomputing*, *ACM Computing Surveys*.

Active participation in the EC-funded MIAUCE (FP6), GLOCAL (FP7), CIVIS (FP7) projects, AI4TRUST, Tango, and in the FIRB (italian NSF)-funded S-PATTERNS project.

Expert Evaluator for the European Commission’s HORIZON EUROPE research program (2023, 2024, 2025)

Languages

Italian, English, French.