



# Francesco Bossi

Date of birth: [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED]  
[REDACTED] | [REDACTED]

## ● WORK EXPERIENCE

04/2023 – CURRENT Pisa, Italy

**POST-DOCTORAL RESEARCH FELLOW** DIPARTIMENTO DI INGEGNERIA DELL'INFORMAZIONE,  
UNIVERSITÀ DI PISA

Post-doctoral research activity aimed to integrate the candidate's expertise in cognitive neuroscience and statistical learning with several aspects of bioengineering.

The research has been focusing mainly on the following topics:

- TOLIFE European Project (Project 101057103 - Combining Artificial Intelligence and smart sensing Toward better management and improved quality of LIFE in chronic obstructive pulmonary disease): involvement in the European Project with 12 international partners. The activity has focused on predicting patients' respiratory exacerbations by employing statistical and AI algorithms on several sensors' data.
- POTION European Project (Grant agreement ID: 824153 - FET - Promoting social interaction through emotional body odours): involvement in the European Project with 10 international partners. The project is focused on investigating the effects of body odours on the perception of social stimuli. The activity has focused on data collection, data analysis and manuscript writing.
- BRAVE PRIN Project (Biofeedback-based peRsonAlised Virtual-reality Exposure therapies for anxiety disorders): involvement in experimental design during the starting phase of the project.
- Experimental design of two different human-robot interaction studies about the integration of the social robot Abel and large language models.

06/2019 – 03/2023 Lucca, Italy

**SENIOR RESEARCH COLLABORATOR** IMT SCHOOL FOR ADVANCED STUDIES LUCCA

Post-doctoral research activity aimed to investigate several aspects of organizational neuroscience. The research has focused mainly on methods from cognitive neuroscience, behavioural tasks, surveys and physiological measures.

The research projects covered the following topics:

- User experience, visual attention and decision making in stock traders
- Personality and occupational characteristics related to resistance to change and successful rematching/reskilling process
- Mindfulness training and well-being in employees during and after Covid-19 lockdown
- Personality traits and characteristics related to well-being during Covid-19 lockdown

Performed tasks included:

- Design and implementation of experimental paradigms
- Data collection
- Data analyses (both behavioural and psychophysiological)
- Scientific papers writing
- 3 PhD/Master students' supervision

Teaching activity:

- Several lessons in the courses "Principles of Neuroscience" and "Business Behavior and Behavioral Strategies"

17/05/2022 – 17/05/2022 Genova, Italy

**HEAD OF WORKSHOP: "EEG SIGNAL ANALYSIS: HANDS-ON WORKSHOP"** ISTITUTO ITALIANO DI  
TECNOLOGIA

Teacher in the "EEG Signal Analysis: Hands-on Workshop" in the Istituto Italiano di Tecnologia.  
The hands-on workshop was focused on a practical approach to EEG data analysis, with a strong emphasis on the interaction with participants.

The workshop covered the following topics:

- EEG data preprocessing (filters, manual and semi-automatic channels and epochs rejection, Independent Components Analysis)
- Event-Related Potentials
- Time-Frequency analysis
- Statistical comparisons

05/2018 – 06/2019 Genova, Italy

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#### **POST-DOCTORAL RESEARCH FELLOW** ISTITUTO ITALIANO DI TECNOLOGIA

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Post-doctoral research activity aimed to investigate social cognition in human-robot interaction, specifically intentional stance adoption towards artificial agents.

The research has focused mainly on methods from cognitive neuroscience, in particular EEG (ERPs, time-frequency analyses, connectivity analyses) and physiological measures.

Performed tasks included:

- Design and implementation of experimental paradigms.
- Data collection.
- Data analyses (both behavioural and psychophysiological).
- Scientific papers writing.
- 2 PhD students' supervision.

12/2017 – 12/2019 Pavia, Italy

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#### **RESEARCH COLLABORATOR AND R CLASS TEACHER** UNIVERSITÀ DEGLI STUDI DI PAVIA

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Research collaboration aimed to:

- Teach a class on R language, structured in 12 lessons, from programming basics to mixed linear and non-linear models. The class was attended by a small research group at the University of Pavia.
- Statistical and methodological supervision of the design, implementation, and data analysis of four studies.

02/2014 – 07/2015 Milano, Italy

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#### **MINDFULNESS MEDITATION GROUP LEADER** ASS. AMICI DELLA MENTE ONLUS - ASS. ARTE & NATURA

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Leader of three different Mindfulness classes, focused on teaching the main techniques of Mindfulness meditation and presenting or discussing related topics in group.

Two of these classes were targeted to psychologists, physicians, nurses, educators, and other professional workers involved in treating mental disorders.

01/2012 – 01/2014 Milano, Italy

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#### **VOLUNTEER** SPAZIO NAUTILUS ONLUS - GRUPPO ASPERGER LOMBARDIA

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Volunteer in game room activities (board games and role-playing games) targeted to adolescent people affected by Asperger Syndrome and high-functioning autism disorders.

10/2012 – 10/2013 Novate Milanese, Italy

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#### **SOCIAL EDUCATOR** ASSOCIAZIONE LA TENDA ONLUS

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Social educator with adolescent people affected by low-functioning autism disorders.

## ● **EDUCATION AND TRAINING**

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12/2014 – 12/2017 Milano, Italy

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#### **PHD IN PSYCHOLOGY, LINGUISTICS AND COGNITIVE NEUROSCIENCE** Università degli Studi di Milano-Bicocca - Dipartimento di Psicologia

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PhD in Experimental Psychology and Cognitive Neuroscience, with specific focus on behavioural and neural aspects of Social Cognition.

The doctoral research carried out during the PhD has been focusing on: emotional expression recognition, facial emotional cues, bodily emotional cues, gaze direction, social exclusion (and influences on social cognition), biological motion perception, and Autism Spectrum Disorders. Specific methodological study was carried out in the statistical (specifically mixed effects models and meta-analysis) and neuroscientific fields (specifically brain stimulation and EEG data analysis). Teaching activity included several lessons and exams in the courses "Social Cognitive and Affective Neurosciences" and "General Psychology", as well as three Master students' supervision. Dissertation thesis: "Investigating face and body perception" Supervisor: Prof. Paola Ricciardelli

03/2023 – 08/2023

### **STANFORD ONLINE: STATISTICAL LEARNING** edX

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This is an introductory-level course in supervised learning, with a focus on regression and classification methods. The syllabus includes:

- linear and polynomial regression, logistic regression and linear discriminant analysis
- cross-validation and the bootstrap
- model selection and regularization methods (ridge and lasso)
- nonlinear models, splines and generalized additive models
- tree-based methods, random forests and boosting
- support-vector machines
- neural networks and deep learning
- survival models
- multiple testing
- unsupervised learning: principal components and clustering (k-means and hierarchical)

**Website** <https://www.edx.org/learn/statistics/stanford-university-statistical-learning>

11/2022 – 12/2022 Lucca, Italy

### **INTRODUCTION TO MACHINE LEARNING** IMT School for Advanced Studies Lucca

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The course covered the mathematical bases and applications of the most popular machine learning and deep learning techniques:

- Introduction to machine learning
- Linear models for regression
- Classification: linear models, naïve Bayes
- Nonparametric models for classification and regression
- Neural networks
- Unsupervised learning (clustering, dimensionality reduction)

**Website** <http://cse.lab.imtlucca.it/~bemporad/ml.html>

03/06/2019 – 07/06/2019 Verona, Italy

### **BAYESHSC 2019 SUMMER SCHOOL IN BAYESIAN STATISTICS** Università di Verona

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Summer school covering theoretical aspects and practical applications of Bayesian statistics, from basic probabilistic concepts to Dynamic Causal Modeling.

03/04/2017 – 07/04/2017 Nijmegen, Netherlands

### **ADVANCED ANALYSIS AND SOURCE MODELING OF EEG AND MEG DATA** Donders Institute for Brain, Cognition and Behaviour - Radboud University

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Toolkit course teaching advanced MEG and EEG data analysis skills, specifically using the FieldTrip toolbox. Preprocessing, frequency analysis, source reconstruction, connectivity analysis and various statistical methods were covered.

04/04/2016 – 01/03/2017 London, United Kingdom

### **RESEARCH PERIOD ABROAD** University of East London

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A period of 11 months was spent abroad during the PhD, at the University of East London. During this period, research activity was carried out under the supervision of Dr Davide Rivolta. During the period abroad, 2 studies (composed of 3 different EEG experiments) were planned, designed, programmed, and data from 44 participants were collected. The first study was focused on exploring neurophysiological correlates of the Body Inversion Effect, compared with the Face Inversion Effect. The

second study was focused on studying the influence of emotional expressions in biological motion on the Body Inversion Effect.

The methodological focus of the period abroad was learning how to design EEG experiments and different possible analyses of EEG data (using mainly EEGLAB and FieldTrip toolboxes).

During this period I have also begun the preparation of a meta-analysis about the Body Inversion Effect and contributed on three different research projects.

27/06/2016 – 02/07/2016 Bertinoro, Italy

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**SUMMER SCHOOL - "META-ANALYSIS AND RESULTS REPLICABILITY: THEORETICAL FOUNDATIONS AND APPLICATIONS IN R"** AIP - Italian Association of Psychology

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Summer School focused on Meta-analysis: starting from the crisis of reproducibility in psychology and many other scientific fields, this Summer School showed the statistical bases and strong advantages of Meta-analytic methods in obtaining reliable results, with specific focus on R language.

14/06/2016 – 17/06/2016 Nijmegen, Netherlands

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**TOOLKIT OF COGNITIVE NEUROSCIENCE: TRANSCRANIAL BRAIN STIMULATION** Donders Institute for Brain, Cognition and Behaviour - Radboud University

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Intensive toolkit course providing in-depth knowledge on transcranial magnetic stimulation (TMS) and transcranial current stimulation (tDCS/tACS/tRNS), covering both basic and advanced topics. Multimodal applications were addressed, with a special emphasis on concurrent electroencephalography (EEG).

09/2015 – 12/2015 Milano, Italy

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**E-PRIME 2.0 COURSE** Università degli Studi di Milano-Bicocca - Dipartimento di Psicologia

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24-hours course about programming experiments in E-Prime 2.0™ software.

The course presented the bases of the user interface, main steps to program an experiment, how to create nested lists and advanced options, bases of object-oriented programming and E-Basic programming language.

07/09/2015 – 12/09/2015 Aalto, Finland

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**3RD SCIENCE FACTORY: TMS-EEG SUMMER SCHOOL** Aalto University - Department of Neuroscience and Biomedical Engineering

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Summer school focused on presenting state-of-the-art TMS-EEG methodology and related researches. Presented workshops focused on many different topics (e.g.: methodology, motor and cognitive skills, perception, disorders of consciousness, TMS-EEG data analyses).

04/2015 – 07/2015 Milano, Italy

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**MATLAB COURSE** Università degli Studi di Milano-Bicocca - Dipartimento di Psicologia

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24-hours course about Matlab programming.

During the course the bases of Object-oriented programming, specific Matlab language, syntax (e.g., for loops, if-else statements, switch-case statements), and an introduction to the PsychToolBox were presented.

28/06/2015 – 04/07/2015 Bertinoro, Italy

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**SUMMER SCHOOL - "MIXED-EFFECTS MODELS: THEORETICAL FOUNDATIONS AND APPLICATIONS IN R"** AIP - Italian Association of Psychology

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Summer School focused on learning theoretical bases and applications of Mixed-Effects Models: statistical foundations of Linear and Generalized Linear Mixed Effects Models, practical examples of fields in which they can be applied, and strong focus on R language (both specifically on Mixed Models and on other models).

10/2014 – 02/2015 Milano, Italy

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**ADMISSION TO PSYCHOLOGISTS PROFESSIONAL ORDER** Università degli Studi di Milano-Bicocca

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Success in the qualifying examination aimed to the admission to Psychologists professional order.

15/04/2014 – 15/10/2014 Milano, Italy

**INTERNSHIP IN EXPERIMENTAL PSYCHOLOGY** Università degli Studi di Milano-Bicocca -  
Dipartimento di Psicologia

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Preliminary investigations about social features of emotional information processing:  
Design and development of an experimental study aimed to investigate how social manipulations (i.e., social exclusion) or personality traits (i.e., empathy) can influence the processing of facial emotional and non-emotional features.

27/03/2014 – 27/06/2014 Milano, Italy

**R LANGUAGE COURSE** Università degli Studi di Milano-Bicocca - Dipartimento di Psicologia

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24-hours course about statistical language R.  
Programming environment R, plot creation, and inferential analyses, from the simplest (e.g., regression, ANOVA) to the most advanced (e.g., Mixed Models, GAMM) were presented during the classes.

16/06/2014 – 20/06/2014 Milano, Italy

**SUMMER SCHOOL - "WHAT FACES CAN REVEAL ABOUT SOCIAL AND COGNITIVE PROCESSES"**  
Università degli Studi di Milano-Bicocca - Dipartimento di Psicologia

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Summer School in which state-of-the-art experimental results about social, cognitive, and emotional features of face processing were presented. This Summer School included many seminars held by important international characters in the field of social cognition.

04/11/2013 – 14/04/2014 Milano, Italy

**INTERNSHIP IN CLINICAL PSYCHOLOGY** Luigi Sacco Hospital - N.O.Te.C. (Operative Hub for Cognitive-Behavioural Therapy)

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Assisting evaluation and cognitive-behavioural treatment for patients affected by Panic Disorder or different Anxiety Disorders.

10/2011 – 10/2013 Milano, Italy

**MASTER'S DEGREE IN CLINICAL PSYCHOLOGY, DEVELOPMENTAL PSYCHOLOGY AND NEUROPSYCHOLOGY** Università degli Studi di Milano - Bicocca

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Dissertation thesis: "Emotional information processing in Asperger Syndrome: Biological motion and static faces"

Supervisor: Prof. Paola Ricciardelli

Final mark: 110/110 cum laude

10/2008 – 10/2011 Milano, Italy

**BACHELOR'S DEGREE IN PSYCHOLOGICAL SCIENCE** Università degli Studi di Milano - Bicocca

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Dissertation thesis: "Tactus: Exact time production"

Supervisor: Prof. Natale Stucchi

Final mark: 105/110

09/2003 – 07/2008 Milano, Italy

**SECONDARY SCHOOL DIPLOMA - SCIENTIFIC STUDIES** Liceo Scientifico Statale Piero Bottoni

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Experimental class in Maths and Physics - National Information Technology Plan (P.N.I.).

Final mark: 85/100

## ● **LANGUAGE SKILLS**

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Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1

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

## ● PUBLICATIONS

### Publications (1/3)

- **Bossi, F.\***, Ciardo, F.\*, & Mostafaoui, G.\* (2024). Neurocognitive features of human-robot and human-machine interaction. *Frontiers in Psychology*, 15, 1394970.
- Di Rienzo, F., Righetti, F., Laurino, M., Greco, A., Marinai, C., Di Mambro, I., ... **Bossi, F.**, ... & Vallati, C. (2024, March). Using Multiple Devices for Patient Monitoring in Clinical Studies: The TOLIFE Experience. In *2024 IEEE International Conference on Pervasive Computing and Communications Workshops and other Affiliated Events (PerCom Workshops)* (pp. 148-153). IEEE.
- Zanoletti, M., Bufano, P., **Bossi, F.**, Di Rienzo, F., Marinai, C., Rho, G., ... & Tognetti, A. (2024). Combining Different Wearable Devices to Assess Gait Speed in Real-World Settings. *Sensors*, 24(10), 3205.
- Rho, G., Callara, A. L., **Bossi, F.**, Ognibene, D., Cecchetto, C., Lomonaco, T., ... & Greco, A. (2024). Combining electrodermal activity analysis and dynamic causal modeling to investigate the visual-odor multimodal integration during face perception. *Journal of Neural Engineering*, 21(1), 016020.
- Fiorini, L.\*, **Bossi, F.\***, & Di Gruttola, F. (2023). EEG-based Emotional Valence and Emotion Regulation Classification: A Data-centric and Explainable Approach. *Preprint*: <https://doi.org/10.21203/rs.3.rs-3129216/v1>
- **Bossi, F.**, Malizia, A. P., D'Arcangelo, S., Maggi, F., Lattanzi, N., & Ricciardi, E. (2023). Visual Attention and Memory in Professional Traders. *Scientific Reports*.
- Borra, D.\*, **Bossi, F.\***, Rivolta, D., & Magosso, E. (2023). Deep learning applied to EEG source-data reveals both ventral and dorsal visual stream involvement in holistic processing of social stimuli. *Scientific Reports*, 13(1), 7365.
- Palmisano, A., Chiarantoni, G., **Bossi, F.**, Conti, A., D'Elia, V., Tagliente, S., ... & Rivolta, D. (2023). Face pareidolia is enhanced by 40 Hz transcranial alternating current stimulation (tACS) of the face perception network. *Scientific Reports*, 13(1), 2035.
- Cavazza, J., Ahmed, W., Volpi, R., Morerio, P., **Bossi, F.**, Willemse, C., ... & Murino, V. (2022). Understanding action concepts from videos and brain activity through subjects' consensus. *Scientific Reports*, 12(1), 1-15.
- **Bossi, F.**, Di Gruttola, F., Mastrogiorgio, A., D'Arcangelo, S., Lattanzi, N., Malizia, A. P., & Ricciardi, E., (2022). Predicting successful internal mobility: A comparison between Structural Equation Models and Machine Learning Algorithms. *Frontiers in Artificial Intelligence*.
- **Bossi, F.**, Zaninotto, F., D'Arcangelo, S., Lattanzi, N., Malizia, A. P., & Ricciardi, E. (2022). Mindfulness-based online intervention increases well-being and decreases stress after Covid-19 lockdown. *Scientific reports*, 12(1), 1-13.
- Zaninotto, F.\*, **Bossi, F.\***, Terry, P., Riccaboni, M., & Galli, G. (2022). The Evolution of Psychological and Behavioral Consequences of Self-Isolation During Lockdown: A Longitudinal Study Across United Kingdom and Italy. *Frontiers in psychiatry*, 13.

\* = shared first authorship.

### Publications (2/3)

- Artuso, C.\*, **Bossi, F.\***, Belacchi, C., & Palladino, P. (2022). Effects of semantic relationship and preactivation on memory updating. *Cognitive Processing*, 1-16.
- Orfei, M. D., **Bossi, F.**, D'Arcangelo, S., Maggi, F., Lattanzi, N., Malizia, A. P., & Ricciardi, E. (2022). Mental health in the post-lockdown pandemic phase: Relief or exacerbation of psychological distress? A cross-sectional study in the general population in Italy. *Acta Psychologica*, 225, 103555.
- Cangelosi, M., **Bossi, F.**, & Palladino, P. (2021). Did you see that? False memories for emotional words in bilingual children. *Bilingualism: Language and Cognition*, 1-13.
- Malizia, A. P., Bassetti, T., Menicagli, D., Patuelli, A., D'Arcangelo, S., Lattanzi, N., **Bossi, F.**, & Mastrogiorgio, A. (2021). Not all sales performance is created equal: personality and interpersonal traits in inbound and outbound marketing activities. *Archives Italiennes de Biologie*, 159(3-4), 107-122.

- Palmisano, A., **Bossi, F.**, Barlabà, C., Febbraio, F., Loconte, R., Lupo, A., Nitsche, M., & Rivolta, D. (2021). Anodal tDCS effects over the left dorsolateral prefrontal cortex (L-DLPFC) on the rating of facial expression: evidence for a gender-specific effect. *Heliyon*, e08267.
- Marchesi, S., **Bossi, F.**, Ghiglino, D., De Tommaso, D., & Wykowska, A. (2021). I am looking for your mind. Pupil dilation predicts individual differences in sensitivity to hints of human-likeness in robot behavior. *Frontiers in Robotics and AI*.
- Kompatsiari, K., **Bossi, F.**, & Wykowska, A. (2021). Eye contact during joint attention with a humanoid robot modulates oscillatory brain activity. *Social Cognitive and Affective Neuroscience*, 16(4), 383-392.
- Schellen, E., **Bossi, F.**, & Wykowska, A. (2021). Robot Gaze Behavior Affects Honesty in Human-Robot Interaction. *Frontiers in Artificial Intelligence*
- **Bossi, F.**, Willemse, C., Cavazza, J., Marchesi, S., Murino, V., & Wykowska, A. (2020). The human brain reveals resting state activity patterns that are predictive of biases in attitudes toward robots. *Science robotics*, 5(46).
- **Bossi, F.**, Premoli, I., Pizzamiglio, S., Balaban, S., Ricciardelli, P., & Rivolta, D. (2020). Theta- and Gamma-Band Activity Discriminates Face, Body and Object Perception. *Frontiers in human neuroscience*, 14, 74.
- Ghiglino, D., Willemse, C., De Tommaso, D., **Bossi, F.**, & Wykowska, A. (2020). At first sight: robots' subtle eye movement parameters affect human attentional engagement, spontaneous attunement and perceived human-likeness. *Paladyn, Journal of Behavioral Robotics*, 11(1), 31-39.
- Monti, C., Sozzi, M., **Bossi, F.**, Corbo, M., & Rivolta, D. (2019). Atypical holistic processing of facial identity and expression in a case of acquired prosopagnosia. *Cognitive neuropsychology*, 36(7-8), 358-382.

\* = shared first authorship.

## Publications (3/3)

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- **Bossi, F.**, Gallucci, M., & Ricciardelli, P. (2018). How social exclusion modulates social information processing: a behavioural dissociation between facial expressions and gaze direction. *PloS one*, 13(4), e0195100.
- Lo Gerfo, E., De Angelis, J., Vergallito, A., **Bossi, F.**, Romero Lauro, L., Ricciardelli, P. (2018). Can monetary reward modulate social attention? *Frontiers in psychology*.
- Valla, L. G., **Bossi, F.**, Calì, R., Fox, V., Ali, S. I., & Rivolta, D. (2018). Not Only Whites: Racial Priming Effect for Black Faces in Black People. *Basic and Applied Social Psychology*, 1-6.
- Costantino, A. I., **Bossi, F.**, Premoli, I., Nitsche, M. A., & Rivolta, D. (2017). Preliminary evidence of "Other-race effect"-like behaviour induced by cathodal-tDCS over the right occipital cortex, in the absence of overall effects on face/object processing. *Frontiers in Neuroscience*, 11, 661.
- Actis-Grosso, R., **Bossi, F.**, & Ricciardelli, P. (2015). Emotion recognition through static faces and moving bodies: a comparison between typically developed adults and individuals with high level of autistic traits. *Frontiers in psychology*, 6.

## ● CONFERENCES AND SEMINARS

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### Conferences

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SIPF (30th Conference of the Italian Society for PsychoPhysiology) 2022 - Udine, Italy.

Conference papers:

Fiorini, L., Di Gruttola, F., Bossi, F. (2022). Emotion regulation strategies affect neural activity related to the evaluation of emotional images.

Fiorini, L., Bossi, F., Di Gruttola, F. (2022). The EmotionRegulationNet, an Artificial Intelligence architecture to classify emotional valence from the EEG signal.

SIPF (26th Conference of the Italian Society for PsychoPhysiology) 2018 - Torino, Italy.

Conference paper:

Bossi, F., Willemse, C., Marchesi, S., Wykowska, A. (2018). Neural oscillations involved in adopting Intentional Stance towards an artificial agent.

ESCAP (20th Conference of the European Society for Cognitive Psychology) 2017 - Potsdam, Germany.

Conference paper: Bossi, F., Rivolta, D., Premoli, I., Pizzamiglio, S., Balaban, S., Gallucci, M., Ricciardelli, P. (2017). Neural oscillations involved in Face and Body Inversion Effects. In Abstracts of the 20th Conference of the European Society for Cognitive Psychology.

SIPF (24th Conference of the Italian Society for PsychoPhysiology) 2016 - Milano, Italy.

Conference paper:

Bossi, F., Gallucci, M., & Ricciardelli, P. (2016). Exclude the Emo: how social exclusion modulates social information processing. *NEUROPSYCHOLOGICAL TRENDS*, 20, 66-66.

ESCOP (19th Conference of the European Society for Cognitive Psychology ) 2015 - Paphos, Cyprus.  
Conference paper:

Bossi, F., Gallucci M, & Ricciardelli, P. (2015). Social exclusion modulates social processing: a behavioural dissociation between facial expressions and gaze direction. In *19th Conference of the European Society for Cognitive Psychology (ESCOP) abstracts* (pp.346-346).

## Dissemination Activities

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29/09/2020

Intesa Sanpaolo Innovation Center Invited Talk:

"Memory and attention: cognitive functions in the mind and brain"

18/12/2020

IMT Lucca Workshop on Technology and the Labour Market Invited Talk:

"The role of social robotics in modern society: general considerations and neuroscientific findings"

29/04/2021

Intesa Sanpaolo Innovation Center Invited Talk for Champions community:

"Resistance to change"

02/07/2021

Intesa Sanpaolo Innovation Center Invited Digital Talk:

"Winning resistance and leading change with neuroscience"

16/09/2022

Intesa Sanpaolo Innovation Center Invited Digit'ed Talk:

"Memory and attention: mind and brain"

26/09/2022

Intesa Sanpaolo Innovation Center Invited Talk:

"Empirical efficacy of Mindfulness: a focus on Mindfulness practice"

30/09/2022

Research Night Invited Talk:

"Social robots: machines or friends?"

19/10/2022

Risk Culture Webinar Invited Talk:

"Cognitive Profiles and Data Processing research project"

10/11/2022

Invited Seminar at University of Modena and Reggio Emilia:

"General Psychology applied to everyday life: Organisational Neuroscience"

14/11/2022

Invited Talk at Max Planck Institute Berlin - Social Neuroscience Lab:

"Mindfulness-based online intervention after Covid-19 lockdown"

28-30/11/2022

InPlace Dissemination Event – University of Ferrara and Italian Institute of Technology (Center for Translational Neurophysiology of Speech and Communication)

16/06/2023

Invited Digit'ed Talk at the online event "DRIVE INNOVATION" in the "Set your mind" project

21/09/2023

Invited Digit'ed Talk:

"Winning resistance and facing changes"

## ● ORGANISATIONAL SKILLS

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### Organisational skills

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Good leadership and management of small-medium groups.  
Worthy teamwork skills.  
Great organisational skills.

## ● **COMMUNICATION AND INTERPERSONAL SKILLS**

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### **Communication and interpersonal skills**

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Excellent public speaking skills.  
Great presentation development skills.  
Very good listening and empathetic skills.  
Good group mediation skills.

## ● **JOB-RELATED SKILLS**

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### **Job-related skills**

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Excellent statistical and programming skills (R, MATLAB, E-Prime, OpenSesame).  
Knowledge of the main cognitive (WAIS, WISC, CAS), neuropsychological (MMSE, MODA, AAT, Neglect-related tests), and personality (SCID-II, STIPO, SWAP) assessment tools.  
Deep knowledge about Autism Spectrum Disorders.  
Bases of Cognitive-Behavioural Therapy.  
In-depth knowledge and practice of Mindfulness meditation.