



# Isabel Beatrice Marc

✉ E-mail: [isabelbeatrice.marc@uniroma1.it](mailto:isabelbeatrice.marc@uniroma1.it)

Al fine della pubblicazione in ottemperanza all'art. 15, comma 1, del D. Lgs. 14 marzo 2013, n.33.

## ESPERIENZA LAVORATIVA

[ 01/07/2011 – 31/12/2017 ]

### Commercial, sales person on the European market.

#### **NATURA IBLEA SRL**

**Città:** Ispica (RG)

**Paese:** Italia

Main activities and responsibilities:

- responsibility and care of sales on the European market, mainly the German, Danish, Swedish (Northern European) market.
- closing sales contracts on the spot or traveling to customers.
- customer relations and any relevant issues that might emerge.

As a side employment, I also dealt with administrative issues such as supplier payments, customer payments, and probable collections of past payments or credit notes.

## ISTRUZIONE E FORMA- ZIONE

[ 01/11/2020 – Attuale ]

### PH.D. STUDENT BEHAVIORAL NEUROPHYSIOLOGY

#### **University of Rome - La Sapienza**

**Indirizzo:** ROME, Italia

**Campi di studio:** Cognitive and Physiological Neuroscience

Faculty: Department of Physiology and Pharmacology "Vittorio Erspamer"

PhD cycle: 36

Expected graduation date: 01/2024

[ 01/09/2018 – 31/07/2020 ]

### MASTER'S DEGREE

#### **University of Rome - La Sapienza**

**Indirizzo:** ROME, Italia

**Campi di studio:** Neuroscience: *Psicologia*

**Voto finale:** 110/110 cum laude

**Tesi:** "Wandering across time: space-time interference effects in autobiographical memory".

Faculty of Medicine and Psychology

Cognitive Neuroscience and Psychological Rehabilitation

LM-51 - 2nd level degree in Psychology

Thesis supervisor: BOCCIA MADDALENA

Dissertation/thesis keywords: autobiographic memory; space; time; mental time line

Official duration: 2 years

Final degree mark: 110/110 cum laude

Graduation date: 28/07/2020

[ 11/2019 – 03/2020 ]

### **Volunteer activities n.2**

**University of Rome - La Sapienza (Company sector: Human Resources)**

**Indirizzo:** ROME, Italia

[ 01/2019 – 05/2019 ]

### **Volunteer activities n.1**

**University of Rome - La Sapienza (Company sector: Human Resources)**

**Indirizzo:** ROME, Italia

[ 01/09/2019 – 31/01/2020 ]

### **Master Internship**

**University of Rome - La Sapienza (University Hospital Facility - Policlinico Umberto I)**

**Campi di studio:** Neuropsychology: *Psicologia*

[ 01/09/2015 – 18/07/2018 ]

### **BACHELOR'S DEGREE**

**University of Catania**

**Indirizzo:** CATANIA, Italia

**Campi di studio:** Psychology: *Psicologia*

**Voto finale:** 110/110 cum laude

**Tesi:** DSA: DIAGNOSIS, TREATMENT AND TECHNOLOGICAL SUPPORTS.

Department of Education

Psychological Sciences and Techniques

L-24 - First level degree in Psychology

Thesis topic: PSYCHOLOGY OF DISABILITY AND REHABILITATION

Thesis supervisor: BUONO SERAFINO

Thesis keywords: DSA; ICD; Consensus Conference; computer

Official duration: 3 years

Final graduation mark: 110/110 cum laude

Graduation date: 18/07/2018

[ 01/10/2017 – 31/05/2018 ]

### **Bachelor Internship**

**University of Catania (University Hospital Facility - Santo Bambino)**

**Indirizzo:** CATANIA, Italia

**Campi di studio:** Scienze sociali, giornalismo e informazione: *Psicologia*

Main activities and responsibilities:

- psychological introductory interviews
- writing and returning diagnostic reports
- counselling within and outside the hospital facilities
- use of diagnostic tools, such as:

1. MINNESOTA MULTIPHASIC PERSONALITY INVENTORY- 2 (MMPI-2)-vers. it. P.Pancheri, S. Sirigatti (1995).

2. CROWN-CRISP EXPERIENTIAL INDEX (CCEI)- vers. it. R. Nardella 1970, O. S. Firenze 1979.

3. BINGE EATING SCALE (BES) - J.Gormally, S. Daston& D. Rardin, 1982.

4. EDIMBURG POSTNATAL DEPRESSION SCALE J.L.Cox, J.K.Holden e R.Sagowsky, 1987

[ 01/09/2006 – 31/07/2011 ]

### **Secondary Linguistic School Diploma**

**J. KENNEDY LINGUISTIC SECONDARY SCHOOL**

**Indirizzo:** 97014, ISPICA, Italia

## COMPETENZE LINGUISTICHE

---

**Lingua madre:** rumeno , italiano

**Altre lingue:**

**inglese**

ASCOLTO C1 LETTURA C1 SCRITTURA B2

PRODUZIONE ORALE C1 INTERAZIONE ORALE C1

**tedesco**

ASCOLTO B2 LETTURA B2 SCRITTURA B1

PRODUZIONE ORALE B2 INTERAZIONE ORALE B2

**francese**

ASCOLTO A2 LETTURA A2 SCRITTURA A2

PRODUZIONE ORALE A2 INTERAZIONE ORALE A2

## COMPETENZE DIGITALI

---

Matlab/Octave | Intermediate MATLAB | Basic knowledge SPSS | Basic Knowledge MRlcro | Advanced knowledge Microsoft Office | Advance knowledge of Windows Operating system | Basic knowledge of Linux (Ubuntu) | Google Drive

## PUBBLICAZIONI

---

[ 2023 ]

**[Restart errors reaction time of a two-step inhibition process account for the violation of the race model's independence in multi-effector selective stop signal task](#)**

**Authors:** *Marc, I.B.*; Giuffrida, V.; Ramawat, S.; Fiori, L.; Bardella, G.; Fagioli, S.; Ferraina, S.; Pani, P.; Brunamonti, E.

[ 2023 ] **[Reward prospect affects strategic adjustments in stop signal task](#)**

**Authors:** Giuffrida, V.<sup>†</sup>; *Marc, I.B.*<sup>†</sup>; Ramawat, S.; Fontana, R.; Fiori, L.; Bardella, G.; Fagioli, S.; Ferraina, S.; Brunamonti E.; Pani, P.

**[† Co-First Author]**

[ 2022 ]

**[Motor inhibition parameters are reflected in the kinetic and kinematic of gait initiation in a step version of the Stop Signal Task](#)**

**Authors:** Fiori, L.; *Marc, I.B.*; Ramawat, S.; Tatarelli, A.; Varrecchia, T.; Chini, G.; Ranavolo, A.; Draicchio, F.; Pani, P.; Ferraina, S.; Brunamonti E.

[ 2022 ]

**[Response preparation affects cognitive motor control in human touch screen interaction.](#)**

**Authors:** Andujar, M.<sup>†</sup>, *Marc, I. B.*<sup>†</sup>, Giuffrida, V., Ferraina, S., Brunamonti, E., & Pani, P.

**[† Co-First Author]**

[ 2021 ]

**Forcing the winning horse: how the amount of force on a push button affects the inhibition of finger release in a stop signal task.**

**Authors:** S. Colangeli; S. Ramawat; *I.B. Marc*; P. Pani; S. Ferraina; E. Brunamonti

Conference Poster: 50th Annual Meeting Society for Neuroscience - SFN

[ 2021 ]

**Failure of the race model accounting for inhibition in a stop signal selective task of upper and lower limb**

**Authors:** *Marc, I.B.*; Romano, V.; Ramawat, S.; Fiori, L.; Andujar, M.; Londei, F.; Ceccarelli, F.; Ferraina, S.; Brunamonti, E.

Conference Poster: 71st SIF National Congress - The Italian Society of Physiology

[ 2021 ]

**Difference in task-difficulty encoding during logical decision-making in prefrontal and premotorc cortical activity from non-human primates**

**Authors:** Ramawat, S.; *Marc, I.B.*;Andujar, M.; Ceccarelli, F.; Londei, F;Pani,P.; Genovesio, A.; Ferraina, S.; Brunamonti, E.

Conference Poster: 71st SIF National Congress - The Italian Society of Physiology

[ 2021 ] **Stable and dynamic response population coding in prefrontal cortex**

**Authors:** Ceccarelli, F.; Londei, F.; Di Bello, F., Ramawat, S.; *Marc, I.B.*; Brunamonti, E.; Genovesio, A.

Conference Poster: 71st SIF National Congress - The Italian Society of Physiology

[ 2021 ]

**Formation of cell assemblies in the prefrotal cortex of macaque monkeys during a distance and a temporal discrimination task**

**Authors:** Londei, F; Ceccarelli, F.; Ferrucci, L.; Ramawat, S.; *Marc, I.B.*; Russo, E.; Genovesio, A.

Conference Poster: 71st SIF National Congress - The Italian Society of Physiology

[ 2021 ]

**Mental representation of autobiographical memories along the sagittal mental timeline: Evidence from spatiotemporal interference**

**Authors:** Teghil,A.; *Marc, I.B.* ; Boccia, M.

We developed a spatial compatibility task (SCT) to test the organization of autobiographical memories along the sagittal plane, using spatiotemporal interference. Participants were asked to recall both episodic and semantic autobiographical memories. Then, during the SCT, they were asked to decide whether each event occurred before or after the event presented right before, using a response code that could be compatible with the back-tofront axis (future in front) or not (future at back).

## CONFERENZE E SEMI-NARI

[ 05/11/2021 – 05/11/2021 ]

**Collaborative project writing and networking in the context of Horizon Europe. Services and tools for supporting researchers**

[ 12/05/2021 – 12/05/2021 ]

**HOW ROBOTICS HELP TO UNDERSTAND HUMAN MOTOR CONTROL** Centro di Ricerca S.T.I.T.C.H , SAPIENZA - University of Rome

[ 14/04/2021 – 14/04/2021 ]

**REAL BRAINS IN VIRTUAL BODIES** Centro di Ricerca S.T.I.T.C.H , SAPIENZA - University of Rome

[ 05/03/2021 – 05/03/2021 ]

**NON-HUMAN PRIMATES IN LABORATORIES: RESEARCH CONTEXTS AND REGULATIONS**

Rome-API (Associazione Primatologi Italiani) / Online

[ 15/12/2020 – 15/12/2020 ]

**HUMAN DECISION MAKING UNDER PRESSURE AND IN DIFFERENT SOCIAL CONTEXTS**

University of Oxford / Online

## ONORIFICENZE E RICONOSCIMENTI

**Award for Research Initiation Projects - Type 1** Istituzione che ha concesso il riconoscimento: University of Sapienza

Inhibitory cortical control in Parkinson's disease: role of transcranial alternating current stimulation in modulating beta/gamma oscillations in frontal cortical areas.

## WORKSHOP AND EXTRA-CURRICULAR TRAINING COURSES

[ 26/04/2023 – 28/04/2023 ]

**13th annual meeting PrimateNeurobiology**

Location: Gottingen, Germany

[ 27/03/2023 – 31/03/2023 ]

**Human Brain Project Summit**

Location: Marseille France

[ 15/08/2022 – 19/08/2022 ]

**Linear Algebra for Neuroscientists**

Summer School

Location: University of Radboud / Nijmegen - The Netherlands

[ 02/05/2022 – 06/05/2022 ]

**IN2PrimateBrains' Thematic Workshop 1**

Location: University of Sapienza - Italy

[ 09/07/2021 – 29/09/2021 ]

**PRECLINICAL TESTING AND ANIMAL WELFARE (SPBA)**

Workshops with final tests:

- 1 July: Ethics of the human-animal relationship.
- 8 July: Ethics of animal experimentation.
- 9 July: Legislation on animal experimentation.
- 16 July: Authorisations to operate as a user, breeder or supplier of animals.
- 22 July: Some practical aspects of Legislative Decree 26/2014: from authorisation to OPBA
- 23 July: Evaluation of experimental protocols
- 27 July: Pain recognition and surgery in animals housed for experimental purposes

- 28 July: Cryopreservation of embryos
- 22 September: Use of non-human primates in biomedical experimentation
- 29 September: Use of large animals in biomedical experiments

Location: Centre of Research Rome (SPBA)

[ 07/09/2021 – 09/09/2021 ] **71st CONGRESS OF THE ITALIAN SOCIETY OF PHYSIOLOGY (SIF 2021)**

Poster presentation to the Congress of the Italian Society of Physiology (SIF) - 2021

Title: *"Failure of the race model accounting for inhibition in a stop signal selective task of upper and lower limb"*

Location: SIF Milano / Online

[ 19/07/2021 – 22/07/2021 ]

**2nd ONLINE COGNITIVE AND AFFECTIVE NEUROPHYSIOLOGY SUMMER SCHOOL**

Location: University of Porto / Online

[ 03/06/2021 – 04/06/2021 ] **2nd INTERNATIONAL WORKSHOP ON NON-INVASIVE BRAIN STIMULATION**

The workshop covered state-of-the art modeling methods in TMS, TDCS, and TACS as well as their combination with imaging methods and experimental research.

Location: University of Minnesota / Online

[ 01/01/2021 – 22/02/2021 ] **MATLAB Onramp**

---

*Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".*