

Michele Scandola

Ph.D.

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Privacy (art. 15 del D.Lgs. n. 33/2013)

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

In conformità al decreto legislativo italiano n. 196 del 30/06/2003, autorizzo l'uso e la comunicazione dei miei dati personali contenuti nel presente documento.

Self-declaration affidavit – Attestazione di Notorietà (art. 47 and art.19 of D.P.R. n. 445/2000)

I, the undersigned Michele Scandola, aware of the consequences of making false statements, falsehood of acts and use of false facts, punishable by law according to art. 76 D.P.R. n. 445/2000 and art. 496 of the Italian Penal Code, under my own responsibility declare that the information in this Curriculum Vitae including the information on the scientific production is true.

Io sottoscritto Michele Scandola, consapevole della responsabilità penale cui si può andare incontro in caso di dichiarazione mendace, la falsità negli atti ed uso di atti falsi, punibile dalla legge ai sensi dell'art. 76 D.P.R. n. 445/2000 e art. 496 del codice penale italiano, dichiaro sotto la propria responsabilità che le informazioni contenute in questo curriculum vitae e le informazioni sulla produzione scientifica corrispondono a verità.



Verona, March 13, 2017

Presentation

I began my research activity during my internship at the Quantitative Psychology Laboratory of prof. Giulio Vidotto. It was focused on the study of the Body Image (by means of psychophysics techniques) and on the validation of questionnaires. After my Master Degree I have begun collaborating with a laboratory of robotics at the University of Verona (ALTAIR), led by prof. Paolo Fiorini. I have also collaborated on an European Project (SAFROS). My research included working on cross-modal visuo-haptic perception in virtual reality environments through psychophysics methodologies and robotic tools, and on learning processes in virtual reality environments.

My research topic during the three-years Ph.D course (at “Sapienza” University of Rome, final mark: with honors) was the representation of body and space in patients with spinal cord damage. In this period I could independently improve my statistics and methodology skills, especially general mixed models and bayesian statistics. I also improved my knowledge of virtual reality environments and electrophysiological recordings. I am currently collaborating with some European research teams, several spinal cord units and rehabilitative departments spread in the national territory.

I have participated in 4 international summer schools and spent 3 months at the LNCO laboratory at the EPFL (Switzerland), led by prof. Olaf Blanke.

During my Ph.D. I led two funded projects as principal investigator, and I have participated to 2 European projects, and 2 National projects as research assistant (*assegnista di ricerca*).

I was awarded at the Alps Adria Psychology Conference 2010, Fechner Day 2012 and at the Code4Play 2014. In addition to it, my works were selected by the scientific committee at the “Teaching Robotics, Teaching

with Robotics” Workshop 2012, and at the *XVIIth* national meeting of the Italian Society of Neurologic Rehabilitation (SIRN) in 2017.

I have been ad-hoc reviewer for 3 international journals and one international conference, and collaborated in the organization the Fechner Day 2010 (held in Padova, Italy) and one simposium at an international conference (FESN 2015, held in Tampere, Finland).

In the last period, I have taught bayesian and general mixed models to Ph.D. students at the University of Verona and at “La Sapienza” University of Rome. I have taught “Tecnologie Informatiche e Multimediali” (Multimedial and Computer Science Technologies) at the bachelor’s degree in Organisational Training.

I am currently member of the SINP (Italian Society for Neuropsychology), FESN (Federation of the European Societies of Neuropsychology), SIPF (Italian Society for Psychophysiology), and SITCC (Italian Society of Cognitive Behavioural Psychotherapy).

Skype: doc_tenerife

ResearchGate: https://www.researchgate.net/profile/Michele_Scandola

Orcid: <http://orcid.org/0000-0003-0853-8975>

ResearcherID: <http://www.researcherid.com/rid/D-8107-2013>

	Total Number of Citations	h-Index	Average Number of Citations ¹	
Metrics:	Google Scholar	67	4	2.54
	Scopus	37	2	2.31
	ResearchGate	48	3	2.29
	ResearcherID	23	2	2.88

¹the average number of citations has been computed on the total number of articles recognized by the online platform

Total IF: 46.255; Average IF: 2.313

Education

November 1st, 2011 **Ph.D. degree in Psychology and Social Neurosciences (XXVIIth cycle)**
October 31st, 2014

Department of Psychology, University of Roma “La Sapienza”, Italy

Final mark: *with Honors*

Principal subjects covered:

- Spinal cord injury studies
- Neuroscience studies
- Neuropsychology studies
- Writing scientific reports
- Physiological measures and physiological experimental paradigm
- Virtual Reality

January 1st, 2011 **Specialization in Cognitive Behavioural Therapy**

Present day Cognitive Psychological Association, Verona, Italy

Note: *Break in studies from December 16th, 2012 to January 1st, 2016 due to Ph.D. course*

Principal subjects covered: Cognitive Behavioural Psychotherapy

September, 2006 **Master's degree in Clinical Psychology**
June 18th, 2009 *Psychology Department, University of Padova, Italy*
Final Mark: 108/110
Principal subjects covered: Clinical Psychology

September, 2001 **Bachelor's degree in Psychobiology and cognitive sciences**
September, 2006 *Psychology Department, University of Padova, Italy*
Principal subjects covered: Psychobiology and cognitive sciences

Training

- October 1st, 2009 **Internship at the Quantitative Psychology Laboratory (QPLab)**
October 1st, 2010 *Department of General Psychology, University of Padova, Italy*
Principal subjects covered:
- Methodological studies
 - Psychophysical studies
 - Teaching multivariate analysis
 - Writing scientific reports
 - Collaboration in organizing the annual meeting of the International Society for Psychophysics (ISP)

Previous Positions

- November 1st, 2014 **Laboratory of Neuropsychology in Verona (NPsy-Lab.VR)**
November 30th, 2016 *Department of Human Sciences, University of Verona, Italy*
Occupation or position held: Research Assistant – *Assegnista di Ricerca*
Main activities and responsibilities:
Research concerning spinal cord injury, body representation in the brain and neuropsychological diseases. Development of experimental tools with Arduino and C-like programming languages. Statistical consultant.
- September 8th, 2014 **Laboratory of Cognitive Neuroscience (LNCO)**
December 7th, 2014 *School of Life Sciences, Brain Mind Institute, Center for Neuroprosthetics, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland*
Occupation or position held: Visiting Student
Main activities and responsibilities:
Research concerning cognitive neuroscience in healthy participants. Design and development of virtual reality psychophysics experiments.
- November 1st, 2011 **Social Cognitive Neuroscience Laboratory (SCNLab)**
October 31st, 2014 *Department of Psychology, “La Sapienza” University of Rome, Italy*
Occupation or position held: Ph.D. student in CoSAN program
Main activities and responsibilities:
Research concerning spinal cord injury, body representation in the brain and neuropsychological diseases.
- May, 2010 **A Laboratory for Teleoperation and Autonomous Intelligent Robots**
March, 2012 **(Altair)**
Computer Science Department, University of Verona, Italy
Occupation or position held: Research Assistant – *Assegnista di Ricerca*
Main activities and responsibilities:
Research in robot-assisted surgery training, psychophysics aspects of robot-assisted surgery, statistical analysis.

Teaching activities

- November 28th, 2016 **General Linear Mixed Models: An Introduction**
December 2nd, 2016 *Department of Psychology, “La Sapienza” University of Rome, Italy*
Audience: Ph.D. students
Main subjects: General Linear Mixed Models, R

- November 21st, 2016 **General Linear Mixed Models: An Introduction**
 November 24th, 2016 *Department of Human Sciences, University of Verona, Italy*
Audience: Ph.D. students
Main subjects: General Linear Mixed Models, R
- October 6th, 2016 **Computer technologies and multimedia (2016/2017)**
 November 25th, 2016 *Department of Human Sciences, University of Verona, Italy*
Audience: University students
Main subjects: Computer science, multimedia, social media, e-learning, virtual reality psychotherapy, experimental psychology softwares
- November 9th, 2015 **Computer technologies and multimedia (2015/2016)**
 January 17th, 2016 *Department of Philosophy, Education and Psychology, University of Verona, Italy*
Audience: University students
Main subjects: Computer science, multimedia, social media, e-learning
- October 13th, 2015 **Introduction to Bayesian Statistics**
Department of Psychology, "La Sapienza" University of Rome, Italy
Audience: Ph.D. students
Main subjects: Bayesian statistics, R, JAGS, JASP, BayesFactor
- October 7th, 2015 **Introduction to Bayesian Statistics**
Department of Philosophy, Education and Psychology, University of Verona, Italy
Audience: Ph.D. students
Main subjects: Bayesian statistics, R, JAGS, JASP, BayesFactor

Student Supervisor Experience

- 2012
 Present day I am currently supervising the thesis work of 4 undergraduate bachelor students and 1 master student. I have successfully supervised the thesis work of 6 undergraduate students (2 awards for the best regional theses of the year in Physiotherapy and one third position). I have additionally provided day-to-day internship tutoring for 2 graduate psychologists.

Funded projects

- January, 2013
 December, 2013 **L'integrazione multisensoriale in uno studio di percezione della verticale visiva in cervelli esperti: studi comportamentali e di Stimolazione Magnetica Transcranica (TMS). Il ruolo di TPJ nella percezione della verticale visiva soggettiva – Multisensory integration in a perceptual study of the visual vertical in experts brain: behavioural and TMS studies. The role of TPJ in the perception of the Subjective Visual Vertical**
Project Code: Prot. Num. C26N13TMFT, "Avvio alla ricerca" 2013 from the University of Roma "La Sapienza", Roma, Italy
Lead scientist: Michele Scandola
Position and responsibilities:
 Principal Investigator, my work consisted in supervising the research, designing experiments and collecting data.

September 8th, 2014 **Progetto di mobilità – Mobility project**
December 7th, 2014 **Project Code:** Prot. Num. 7220, “CooperInt” 2014 from the University of Verona, Italy
Lead scientist: Michele Scandola
Position and responsibilities:
Principal Investigator, my work consisted in supervising the research, designing experiments and collecting data.

Participation in research projects

April 1st, 2012 **Virtual Embodiment and Robotic Re-Embodiment (VERE)**
March 31st, 2013 **Project Code:** FP7-ICT-257695, European Seventh Framework Programme research project
Lead scientist: prof. Mel Slater
Lead scientist for the Italian Unit: prof. Salvatore M. Aglioti
Position and responsibilities:
Research assistant, my work consisted in designing and programming experiments, collecting and analysing data from patients and healthy controls.
Institution: Department of Philosophy, Education and Psychology, University of Verona, Verona, Italy
Principal subjects: Neuroscience, robotics, virtual reality

April 1st, 2012 **Predizione multimodale dell’azione in pazienti con lesioni neurologiche – Multimodal predictive coding of actions in brain damaged patients**
March 31st, 2013 **Project Code:** 2009A8FR3Z_003, PRIN 2009 from the Italian Ministry of Education and University
Lead scientist: prof. Salvatore M. Aglioti
Lead scientist for the Verona Unit: prof. Valentina Moro
Position and responsibilities:
Research assistant, my work consisted in designing and programming experiments, collecting and analysing data from patients and healthy controls.
Institution: Department of Philosophy, Education and Psychology, University of Verona, Verona, Italy
Principal subjects: Neuroscience, neuropsychology

April 1st, 2013 **And yet they MOve: immobile patients re-enter the physical world through embodiment in avatar or robot surrogates (AMO)**
March 31st, 2014 **Project Code:** RF-2010-2312912, Bando Progetti di Ricerca Giovani Ricercatori – Ricerca Finalizzata 2010
Lead scientist: prof. Salvatore M. Aglioti
Lead scientist for the Verona Unit: prof. Valentina Moro
Position and responsibilities:
Research assistant, my work consisted in designing and programming experiments, collecting and analysing data from patients and healthy controls.
Institution: Department of Psychology, University of Roma “La Sapienza”, Roma, Italy
Principal subjects: Neuroscience, neuropsychology

May 1st, 2010 **Patient safety in robotic surgery (SAFROS)**
March 31st, 2012 **Project Code:** FP7-ICT-248960, European Seventh Framework Programme
research project
Lead scientist: prof. Paolo Fiorini
Position and responsibilities:
Research assistant, my work consisted in conducting in all their parts psychophysics experiments to study the effect of visuo-haptic discrepancies in a virtual reality with a force-feedback joystick system. Furthermore I had to design studies to test educational theories and modalities to teach robotic basics to surgeons.
Institution: Department of Computer Science, University of Verona, Verona, Italy
Principal subjects: Robot-assisted surgery, psychophysics

Summer Schools Attended

- June 13th, 2016 **Integrazione di metodi e tecniche per la ricerca, la clinica e la riabilitazione in psicofisiologia e neuroscienze** – *Integration of methods and techniques for research, clinic and rehabilitation in psychophysiology and neuroscience*
June 17th, 2016
Organizers: prof. Michela Balconi & prof. Simone Rossi
Location: Milan, Italy
Principal subjects:
The Summer School covered several field of neurophysiological techniques: the Transcranial Magnetic Stimulation technique, the Transcranial Electrical Stimulation techniques (tDCS, tACS, tRNS), Optical Imaging, Electroencephalography, Biofeedback, Neurofeedback and Connectivity. All the techniques have been studied through theoretical lessons and by means of hands-on courses.
- June 4th, 2014 **Doing Bayesian Data Analysis - John Kruschke Workshop**
June 6th, 2014
Organizers: prof. Hans Olaf Melberg
Location: Oslo, Norway
Principal subjects:
This workshop showed how to do Bayesian data analysis, hands on (by means of R and JAGS). This course was intended for Ph.D.-candidates, researchers, medical students and health Professionals.
- September 1st, 2013 **Visceral Mind Summer School: A hands-on course in the neuroanatomy of cognition**
September 8th, 2013
Organizers: prof. Robert Rafal
Location: Bangor University, Wales, UK
Principal subjects:
Neuroanatomy, Neuroscience, Neuropsychology, DTI, TMS, Genetics.
- June 9th, 2013 **Aegina Summer School – Embodied Inter-subjectivity: the 1st person and the 2nd person perspective**
June 15th, 2013
Organizers: prof. Manos Tsakiris, prof. Andrea Serino, prof. Barry Smith
Location: Island of Aegina, Greece
Principal subjects:
1st person perspectives of embodiment, The embodied self in interaction with the world, Ontogenetic and phylogenetic perspectives on social cognition, Transition from 3rd person- to 2nd person perspective in social neuroscience, Embodying other people's minds and bodies.

Languages

Mother tongue **Italian**

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
<i>English</i>	B2	Independent user	C1	Proficient user	B1	Independent user	B1	Independent user	C1	Proficient user
<i>Spanish</i>	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

Self Assessment – Common European Framework of Reference (CEF) level

Ad-hoc reviewer for

Journal **Transaction of Haptics – IF 1.39**

Journal **The American Journal of Obstetrics & Gynecology – IF 3.877**

Journal **Journal of Neurosciences Methods – IF 1.959**

Conference **Conference on Biomedical Robotics and Biomechatronics – June 24-28, 2012, Roma, Italy**

Awards

Best Student Award **Winner of Alps Adria Psychology Conference 2010 Young Scientists Paper Prize**
September 17th, 2010, with the work Scandola, Bastianelli, Spoto, and Vidotto 2010

Selected Work at the TRTWR 2012 **Selected work by the scientific committee at the “Teaching Robotics, Teaching With Robotics” Workshop 2012**
with the work Scandola and Fiorini 2012, for a journal publication

Travel Award **Travel award at the Fechner Day 2012**

Hackathon Award **Winner of the 2014 Code4Play Hackathon**
In this competition we built a robotic toy controlled remotely through an android application via Internet (more information here: <https://goo.gl/vCuZEp>)

Selected Work at the SIRN 2017 **Selected work by the scientific committee at the XVIIth National Meeting of the SIRN (Italian Society of Neurologic Rehabilitation) at the special section “Robotica, Tecnologie avanzate e Teleriabilitazione” (Robotics, Advanced Technologies and Tele-rehabilitation), with the project “Robotica e immaginazione motoria nella riabilitazione dopo lesione spinale” (Robotics and motor imagery in the rehabilitation of spinal cord injuries), authored by Avesani R., Scandola M., Salvi L., & Moro V..**

Membership of Scientific Societies

- 2015
Present day **SINP** – Ordinary member of the Italian Society of Neuropsychology
- 2015
Present day **FESN** – Ordinary member of the Federation of the European Societies of Neuropsychology
- 2015
Present day **SIPF** – Young member of the Italian Society of Psychophysiology
- 2015
Present day **SITCC** – Member of the Italian Society of Cognitive Behavioural Therapy

Organization of Academic Conferences or Simposia

- Fechner Day 2010* Collaboration in organizing the annual meeting of the International Society for Psychophysics (ISP) held in Padova, Italy in 2010.
- FESN 2015* In collaboration with prof. Valentina Moro, I've organized a Symposium entitled "Changes in body, space and action perception following deficits in somatosensory and motor integration" at the meeting of the Federation of European Societies of Neuropsychology held in Tampere, Finland in 2015.

Major Collaborations

- prof. Valentina Moro, Ph.D.* University of Verona, Verona, Italy
- prof. Salvatore M. Aglioti, M.D.* University of Rome "La Sapienza", Roma, Italy
- prof. Olaf Blanke, Ph.D.* Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland
- prof. Silvio Ionta, Ph.D.* Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Switzerland
- prof. Katerina Fotopoulou, Ph.D.* University College of London (UCL), London, Great Britain
- prof. Antonio Frisoli, Ph.D.* School of Advanced Studies, Pisa, Italy
- prof. Giulio Vidotto, Ph.D.* University of Padova, Padova, Italy
- prof. Paolo Fiorini, Ph.D.* University of Verona, Verona, Italy
- dr. Renato Avesani, M.D.* Department of Rehabilitation at the "Sacro Cuore" Hospital in Negrar, Verona, Italy
- dr. Gianettore Bertagnoni, M.D.* "San Bortolo" Hospital in Vicenza, Italy
- dr. Massimo Brambilla, M.D.* "Azienda Ospedaliera della Valtellina e della Valchiavenna" Hospital in Sondalo, Sondrio, Italy
- dr. Carlo Alberto Arcangeli, M.D.* "Giusti Centre", private institution of physical and rehabilitative medicine, Florence, Italy
- dr. Caterina Pistarini, M.D.* I.R.C.C.S. "Fondazione Salvatore Maugeri", Scientific Institute in Pavia, Italy
- mr. Aldo Orlandi* "G.A.L.M." (Gruppo Animazione Lesionati Midollari - *Entertainment Group for people with Spinal Cord Injury*), San Giovanni Lupatoto, Verona, Italy

Academic Conferences Attended

- September 16th, 2010* **AAPC 2010 – Alps Adria Psychology Conference**
September 18th, 2010 **Organizer:** prof. Herbert Janig
Location: University of Klagenfurt, Klagenfurt, Austria
Principal subjects:
General psychology, psychophysics, clinical psychology.
- October 7th, 2010* **I Corpi nel Cervello – Prospettive di ricerca nel rapporto tra mente e corpo**
Organizers: prof. Valentina Moro, dr. Renato Avesani
Location: Ospedale “Sacro Cuore - Don Calabria”, Negrar (Verona), Italy
Principal subjects:
Neuropsychology, Body Image, Body Representation, Body Perception.
- October 19th, 2010* **Fechner Day 2010**
October 22th, 2010 **Organizers:** Alessia Bastianelli, Giulio Vidotto, Luca Filipponi, Andrea Spoto, Davide Massidda, David Polezzi, Michele Scandola
Location: University of Padova, Padova, Italy
Principal subjects:
Psychophysics, perception.
- May 19th, 2011* **CAOs 2011 – Concepts, Actions and Objects**
May 22th, 2011 **Organizers:** Alfonso Caramazza, Melvyn Goodale, Bradford Mahon, Alex Martin, Marius Peelen
Location: University of Trento, Rovereto (Trento), Italy
Principal subjects:
Neuroscience, Concepts, Actions and Objects.
- June 30th, 2011* **CSCA Symposium 2011 – Cognitive Science Center Amsterdam**
July 1st, 2011 **Organizers:** Cognitive Science Center Amsterdam
Location: University of Amsterdam, Amsterdam, Holland
Principal subjects:
Neuropsychology, Impulsivity and Inhibition.
- April 20th, 2011* **TRTWR Workshop 2012 – Teaching Robotics, Teaching with Robotics integrating Robotics in school curriculum**
Organizers: Michele Moro, Dimitris Alimisis
Location: Riva del Garda (Trento), Italy
Principal subjects:
Robotics, Education.
- May 24th, 2012* **CAOs 2012 – Concepts, Actions and Objects**
May 27th, 2012 **Organizers:** Alfonso Caramazza, Melvyn Goodale, Bradford Mahon, Alex Martin, Marius Peelen
Location: University of Trento, Rovereto (Trento), Italy
Principal subjects:
Neuroscience, Concepts, Actions and Objects.
- October 18th, 2012* **Fechner Day 2012**
October 21th, 2012 **Organizers:** Steven R. Carroll, Elena Gallitto, Craig Leth-Steensen, William M. Petrusic, Jordan R. Schoenherr, Dean A. Verger
Location: Elgin Hotel, Ottawa, Canada
Principal subjects:
Psychophysics, perception.

- May 23rd, 2013 **CAOs 2013 – Concepts, Actions and Objects**
 May 26th, 2013 **Organizers:** Alfonso Caramazza, Melvyn Goodale, Bradford Mahon, Alex Martin, Marius Peelen
Location: University of Trento, Rovereto (Trento), Italy
Principal subjects:
 Neuroscience, Concepts, Actions and Objects.
- November 15th, 2013 **SINP 2013 – Annual Meeting of Italian Society of Neuropsychology**
 May 16th, 2013 **Organizers:** Costanza Papagno
Location: University of Milan Bicocca, Milan, Italy
Principal subjects:
 Neuropsychology.
- May 9th, 2013 **CAOs 2014 – Concepts, Actions and Objects**
 May 11th, 2013 **Organizers:** Alfonso Caramazza, Melvyn Goodale, Bradford Mahon, Alex Martin, Marius Peelen
Location: University of Trento, Rovereto (Trento), Italy
Principal subjects:
 Neuroscience, Concepts, Actions and Objects.
- September 9th, 2015 **FESN 2015 – 5th Conference of the European Societies of Neuropsychology**
 September 11th, 2015 **Organizers:** Mervi Jehkonen
Location: Tampere Hall, Tampere (Finland)
Principal subjects:
 Neuropsychology.
- November 27th, 2015 **SINP 2015 – Annual Meeting of Italian Society of Neuropsychology**
 May 28th, 2015 **Organizers:** Patrizia Bisiacchi, Daniela Mapelli, Sara Mondini
Location: University of Padova, Padova, Italy
Principal subjects:
 Neuropsychology.
- November 29th, 2016 **Rappresentazione cerebrale di Corpo, Movimento e Spazio dopo lesioni al midollo spinale – Body, Action and Space brain representation after Spinal Cord Injury**
Organizers: Salvatore M. Aglioti, Valentina Moro
Location: IRCCS “Santa Lucia” Foundation, Rome, Italy
Principal subjects:
 Cognitive neuroscience, spinal cord injuries.

Personal skills and competences

Programming skills In my research activity I often prepare my experiments in virtual environments (using C++ programming language with OpenGL libraries, Visual C#, or XVR) and my electronical experimental tools using Arduino (programming it through Processing). My technical competencies are not limited to these programming languages, but I also have an intermediate/advanced knowledge in programming languages as PHP and SQL (I used these for preparing a homemade dynamic web questionnaire), Visual Basic (which I usually use for fast-prototyping computer programs), Java and Python.

Here the complete list of programming languages I know:

- Visual C#
- Visual C++
- Visual Basic
- PHP
- Javascript
- SQL
- Python
- Processing
- R
- L^AT_EX
- XVR
- Java

Virtual Reality skills For Virtual Reality environments I have used:

- videos recorded in stereovision
- animations prepared in Blender
- the XVR programming language
- integration of the 3D animation with Visual C# programming language

Statistical competencies During my university and Ph.D. studies I have in-depth studied statistics. I have been statistical consultant in psychological, economics and medical studies. My statistical knowledge covers, but it is not limited to:

- Parametric frequentist analysis (ANOVA, ANCOVA, etc...)
- Non-parametric frequentist analysis (Friedman ANOVA, Mann-Whitney, Kruskal-Wallis and Wilcoxon tests, etc...)
- General Linear Mixed Effects Models (gaussian, binomical, ordinal distributions)
- Bayesian Inference with pseudopriors
- Bayesian Inference with informed priors

Social skills and competencies From September 2007 to June 2008, I spent 9 months studying in Spain, at the “Universidad de La Laguna”, participating in the Erasmus Project. In that period I lived and worked in a multicultural environment, where my research interests were enhanced, and where I gave a lecture in Spanish concerning specific phobias.

Organizational skills and competences I was appointed secretary of C.O.ME. (Consultancy, Orientation and Mediation), a voluntary association with the intent to deal with social and psychological unrest, that was active in Verona, Italy.

Artistic skills and competences

- In 1999 I won the third prize “Shakespeare nostro contemporaneo”, a literary prize organized by Alcione theater, in Verona, with an original work based on Shakespeare’s tales.
- In the same year, I was selected to participate in the International Pirandellian Meeting in Agrigento.
- In the 2000 I was member of the Jury of the “David di Donatello” Student’s Prize, an Italian movie prize, connected with the more famous “David di Donatello”.

- Tieri, Gaetano, Annamaria Gioia, **Michele Scandola**, Enea Pavone, and Salvatore Maria Aglioti. “Visual appearance of a virtual upper limb modulates the temperature of the real hand: a thermal imaging study in immersive virtual reality”. In: *European Journal of Neuroscience*. **IF: 2.975**, in press.
- D’Imperio, Daniela, **Michele Scandola**, Valeria Gobetto, Cristina Bulgarelli, Matteo Salgarello, Renato Avesani, and Valentina Moro (2017). “Visual and cross-modal cues increase the identification of overlapping visual stimuli in Balint’s syndrome”. In: *Journal of Clinical and Experimental Neuropsychology* 00.00. **IF: 1.693**, pp. 1–17. ISSN: 1380-3395. DOI: 10.1080/13803395.2016.1266307. URL: <https://www.tandfonline.com/doi/full/10.1080/13803395.2016.1266307>.
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- Canzano, Loredana, **Michele Scandola**, Valeria Gobetto, Giuseppe Moretto, Daniela D’Imperio, and Valentina Moro (2016). “The representation of objects in apraxia: from action execution to error awareness”. In: *Frontiers in Human Neuroscience* 10.39. **IF: 3.634**. ISSN: 1662-5161. DOI: 10.3389/fnhum.2016.00039. URL: http://www.frontiersin.org/human%5C_neuroscience/10.3389/fnhum.2016.00039/abstract.
- Fabiani, Andrea, Massimo Calabrese, Alessandra Filosa, Fabrizio Fioretti, Valentina Maurelli, **Michele Scandola**, Stefano Andrea Noventa, Flavia Tombolini, Francesco Catanzariti, Lucilla Servi, and Gabriele Mammana (2016). “Explorative surgery for acute scrotal pain: The importance of patient age, side affected, time to surgery and surgeon”. In: *Archivio Italiano di Urologia e Andrologia* 88.2. DOI: 10.4081/aiua.2016.2. URL: <http://dx.doi.org/10.4081/aiua.2016.2.115>.
- Faivre, Nathan, Jonathon Doenz, **Michele Scandola**, H. Dhanis, Javier Bello Ruiz, Fosco Bernasconi, Roy Salomon, and Olaf Blanke (2016). “Self-grounded vision: hand ownership modulates visual location through cortical beta and gamma oscillations”. In: *Journal of Neuroscience*. **IF: 5.9**. DOI: 10.1523/JNEUROSCI.0563-16.2016. URL: <https://doi.org/10.1523/JNEUROSCI.0563-16.2016>.
- Scandola, Michele**, Salvatore Maria Aglioti, Claudio Bonente, Renato Avesani, and Valentina Moro (2016). “Spinal cord lesions shrink peripersonal space around the feet, passive mobilization of paraplegic limbs restores it”. In: *Scientific Reports* 6.April. **IF: 5.525**, p. 24126. ISSN: 2045-2322. DOI: 10.1038/srep24126. URL: <http://www.nature.com/articles/srep24126>.
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- Scandola, Michele** and Valentina Moro (2015). *Effects of expertise on Action Anticipation after Spinal Cord Injury*. Tampere, Sweden: Presented at the 5th Conference of the European Societies of Neuropsychology.
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- (2013c). *The Rubber Hand Illusion after face stimulation in Spinal Cord Injured people*. Brixen, Italy: Presented at the Cognitive Science Arena for Beginners - Brixen February, 8th-9th 2013.
- Moro, Valentina and **Michele Scandola** (2012). *Il riconoscimento del volto: riabilitare la prosopagnosia? Face recognition: rehabilitation for prosopagnosia?* Verona, Italy: Presented at the regional course of the SIMFER of Veneto (Società Italiana di Medicina Fisica Riabilitativa) “La complessità in riabilitazione”.

Posters

- D'Imperio, Daniela, Renato Avesani, M Salgarello, Cristina Bulgarelli, Valeria Gobetto, **Michele Scandola**, and Valentina Moro (2014). *Simultagnosia nella Sindrome di Balint: uno studio sperimentale*. Poster. Napoli - Italy.
- Ponsi, Giorgia, **Michele Scandola**, Salvatore Maria Aglioti, and Maria Serena Panasiti (2014). *Warmth-blindness: a tool to promote safe in-group selection*. Poster. Rovereto, Trento, Italy.
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