



Nicolò Castellani

Date of birth: 11/01/1995

Nationality: Italian

Gender: Male

CONTACT

 Piazza San Francesco 19 , null

55100 Lucca, Italy

 nicolo.castellani@imtlucca.it

 (+39) 3935683937

WORK EXPERIENCE

2020 - CURRENT - Lucca, Italy

PhD student

Scuola IMT Altì Studi Lucca

PhD student in Cognitive, Computational and Social Neurosciences (CCSN Track)

2022 - CURRENT - Lucca, Italy

Students' Representative, Academic Senate

Scuola IMT Altì Studi Lucca

The Academic Senate provide opinions and discuss about Research and Didactic activity of the IMT School

2019 - 2020 - Turin, Italy

University research assistant

University of Turin

Traineeship in Manibus Lab led by Professor Francesca Garbarini
I was involved in experimental set-up definition and preparation, data collection & data analysis in Behavioral and EEG Experiment

01/10/2019 - 30/11/2019 - Copenhagen, Denmark

Traineeship

University of Copenhagen

Erasmus Traineeship under the supervision of Professor Mark Schram Christensen

EDUCATION AND TRAINING

2019 - 2020 - Turin, Italy

Master Degree in Data Analysis for Business Intelligence and Data Science (110/110)

University of Turin

2017 - 2019 - Turin, Italy

Master Degree in Science of Body and Mind (110/110 cum laude, menzione & dignità di stampa)

University of Turin

2014 - 2017 - Genoa, Italy

Degree in Psychological Sciences and Techniques (110/110 cum laude)

University of Genoa

2009 - 2014 - Recco, Italy

High School Degree (92/100)

Liceo Scientifico Nicoloso da Recco

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

DIGITAL SKILLS

Microsoft Word / Microsoft Excel / Microsoft Powerpoint / Microsoft Office / Matlab / E-prime / Python programming (PsychoPy) / EEGLAB (basic-intermediate)

PUBLICATIONS

Scientific Articles

Ronga I, Galigani M, Bruno V, **Castellani N**, Rossi Sebastiano A, Valentini E, Fossataro C, Neppi-Modona M, Garbarini F. Seeming confines: Electrophysiological evidence of peripersonal space remapping following tool-use in humans. *Cortex*, 2021; Volume 144, Pages 133-150,

ISSN 0010-9452, <https://doi.org/10.1016/j.cortex.2021.08.004>.

Galigani M, Ronga I, Fossataro C, Bruno V, **Castellani N**, Rossi Sebastiano A, Forster B, Garbarini F. Like the back of my hand: Visual ERPs reveal a specific change detection mechanism for the bodily self. *Cortex*. 2021; Volume 134, Pages 239-252, ISSN 0010-9452, <https://doi.org/10.1016/j.cortex.2020.10.014>.

Galigani M, Ronga I, Bruno V, **Castellani N**, Rossi Sebastiano A, Fossataro C, Garbarini F. Face-like configurations modulate electrophysiological mismatch responses. *Eur J Neurosci*. 2020; 00: 1-16. <https://doi.org/10.1111/ejn.15088>

Galigani M, **Castellani N**, Donno B, Franza M, Zuber C, Allet L, Garbarini F, Bassolino M. Effect of tool-use observation on metric body representation and peripersonal space. *Neuropsychologia*. 2020 Sep 6;148:107622. doi: 10.1016/j.neuropsychologia.2020.107622.

Poster

Castellani N, Galigani M, Mancano M, Pizzola E, Podestà M, Bottari D, Garbarini F. (2021). Mine or Yours? Frequency tagging reveals an implicit neural index of hand identity recognition in the human brain. X XIX Congresso Nazionale SIFP, 30 October - 2 November 2021 - Palermo

Bruno V, **Castellani N**, Garbarini F, Christensen M S. (2020). Online TMS over the dorsal premotor cortex impairs motor performance during ischemic nerve block. Transcranial Brain Stimulation in Cognitive Neuroscience Workshop 2020, Cimec, University of Trento, 3 - 4 December 2020.

Galigani M, Fossataro C, Gindri P, Ronga I, **Castellani N**, Rossi Sebastiano A, Bruno V, Conson M, Garbarini F. (2020). Non-visual variant of RHI reveals monochannel preference in ASC. XXVIII Congresso Nazionale SIFP, 20-21-26-27 November 2020.

Rossi Sebastiano A, Fossataro C, Tieri G, Poles K, Galigani M, **Castellani N**, Pyasik M, Bruno V, Garbarini F. (2020). Multisensory integration in virtual reality: the role of vision and proprioception in coding the arm position in space. 38th Workshop on Cognitive Neuropsychology, Jan 27-31 2020, Brixen, Italy.

Galigani M, Bruno V, Fossataro C, Poles K, **Castellani N**, Rossi Sebastiano A, Garbarini F. (2020). You or me? Pathological embodiment after brain damage alters the self-other body boundary. 38th Workshop on Cognitive Neuropsychology, Jan 27-31 2020, Brixen, Italy.

Ronga I, Bruno V, Galigani M, Fantoni M, **Castellani N**, Perathoner C, Gazzin A, Garbarini F. (2019). Multisensory integration effects in newborns: an EEG study. XXVII Congresso Nazionale SIFP, 14-16 November 2019, Ferrara (Italy).

Ronga I, Bruno V, **Castellani N**, Galigani M, Valentini E, Fossataro C, Neppi-Modona M, Garbarini F. (2019). Coming closer: Electrophysiological evidence of tool-use dependent spatial remapping in humans. abstract poster presentation. EWCN2019, 21-25 January 2019 - Brixen.

Ronga I, Bruno V, **Castellani N**, Galigani M, Valentini E, Fossataro C, Neppi-Modona M, Garbarini F. (2018). Spatial remapping following tool-use: an electrophysiological study in humans. abstract poster presentation. VII Congresso della Società Italiana di Neuropsicologia, 23-24 November 2018 - Rome.

Ronga I, Bruno V, **Castellani N**, Galigani M, Neppi-Modona M, Fossataro C, Garbarini F. (2018). Near or far? Electrophysiological evidence of tool-use dependent spatial remapping in humans. abstract poster presentation. XXVI Congresso Nazionale SIPP, 15-17 November 2018 - Turin.

EXPERIENCES

10/2019 – 11/2019

Erasmus Traineeship

Erasmus Traineeship's grant for the research project "Neurophysiological correlates of motor awareness" under the supervision of Professor Mark Schram Christensens in Copenhagen

11/10/2018 – 12/10/2018

Fly Your Thesis! Selection Workshop, European Space Agency (ESA Education)

Castellani N, Galigani M, Rossi Sebastiano A. "Multisensory integration in microgravity. Behavioral and electrophysiological evidence from visual enhancement of touch". "Fly Your Thesis! Selection Workshop", European Space Agency (ESA Education), 11-12 October 2018, ESA-ESTEC (Noordwijk), Netherlands

HONOURS AND AWARDS

2021

Medaglia D'argento – University of Turin

Award for the best Thesis of the Academic year 2018-2019 of the Master in mind and body sciences of the University of Turin

<https://www.unito.it/ateneo/chi-siamo/i-migliori-laureati/anno-2018-2019>