Michelle Francesca Toti

PERSONAL INFORMATION

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E-mail: michelletoti5@gmail.com
Nationality: Italian
Place and date of birth: Milan, 31 May 1992
Gender: Female

RESEARCH AND CLINICAL EXPERIENCE

- PhD Cognitive, Social and Affective Neuroscience   *November 2019-Ongoing*
  Aglioti Lab, Sapienza and IRCCS Foundation Santa Lucia, Rome, Italy
  PhD student
- Neurological, cognitive and motor rehabilitation U.O
  IRCCS San Raffaele Hospital, Milan, Italy
  Post-Master's degree Internship   *February 2019-Ongoing*
- CNPL, Centre for neurolinguistics and psycholinguistics
  Vita-Salute San Raffaele University, Milan, Italy
  Post-Master's Degree Internship   *February 2019-October 2019*
  Master Student Researcher   *May 2017-February 2019*
- ATN-P Lab, Applied technology to neuropsychology
  Istituto Auxologico Italiano, Milan, Italy
  Junior Research Fellow   *October 2018-July 2019*
- Casa di Cura privata del Policlinico, Milan, Italy
  Clinical Neuropsychologist Assistant   *June 2016- October 2016*
- Studio medico Pieri, Milan, Italy
  Data Manager   *December 2015-March 2016*

EDUCATION AND TRAINING

University

- Vita-Salute San Raffaele University, Milan, Italy   *October 2016-February 2019*
  Master of science- MS, Psychology, Major in Cognitive Neuroscience
  Final dissertation title
  Taboo words and the emotional process: a functional imaging study in bilinguals and monolinguals
  Grade: 110 / 110 cum laude
- Vita-Salute San Raffaele University, Milan, Italy   *October 2012-September 2015*
  Bachelor of Science- BS, Psychology
  Final dissertation title
  The political participation among young people: a research proposal
  Grade: 100 / 110
- University of Milan, Milan, Italy   *October 2011-September 2012*
  Medical Biotechnology Bachelor's Degree

High School

- Istituto Edmondo de Amicis, Milan, Italy *September 2006- July 2011*
  High school diploma, Scientific studies

Trainings

- University of Pavia *July 2019*
  Python course
- University of Milan-Bicocca *June 2018*
  R course
- Hammersmith College London, London *April- May 2016*
  IELTS preparation course
- St Giles International School, London *October-December 2015*
  IELTS preparation course
- Embassy English School, San Diego (CA) United States *July -August 2014*
  TOEFL preparation course

Volunteering Experience

- Vivi Down Onlus *September 2010- June 2011*
  Voluntary Activities

PUBLICATIONS

- Del Maschio, N., Sulpizio, S., Toti, M., Caprioglio, C., Del Mauro, G., Fedeli, D., & Abutalebi, J. Second language use rather than second language knowledge relates to changes in white matter microstructure. *Journal of Cultural Cognitive Science*, 1-11.
- Pedroli, E., Cipresso, P., Serino, S., **Toti, M**., Goulen, K., Grigioni, M., ... & Riva, G. (2019, April). Beyond Cognitive Rehabilitation: Immersive but Noninvasive Treatment for Elderly. In *International Symposium on Pervasive Computing Paradigms for Mental Health* (pp. 263-273). Springer, Cham.
- Semonella, M., Cipresso, P., Tuena, C., Parisi, A., **Toti, M**., Bobocea, A. E., ... & Riva, G. (2019, April). Testing a Deactivated Virtual Environment in Pathological Gamblers' Anxiety. In *International Symposium on Pervasive Computing Paradigms for Mental Health* (pp. 242-249). Springer, Cham.
- Sulpizio, S., **Toti, M**., Del Maschio, N., Costa, A., Fedeli, D., Job, R., & Abutalebi, J. (2019). Are you really cursing? Neural processing of taboo words in native and foreign language. *Brain and language*, *194*, 84-92.
- **Toti, M.**, Tuena, C., Semonella, M., Pedroli, E., Riva, G., & Cipresso, P. (2019, April). Anthropometry and Scan: A Computational Exploration on Measuring and Imaging. In *International Symposium on Pervasive Computing Paradigms for Mental Health* (pp. 102-116). Springer, Cham.

REVIEWER ACTIVITY

- Bilingualism: Language and Cognition *May 2019-Ongoing*

CONFERENCE PRESENTATIONS AND TALKS

- Invited speaker at the congress "The role of the basal ganglia in the interaction between language and other cognitive functions"
  Département d'Etudes Cognitives, Ecole normale supérieure, Paris France
  Project presentation: "Does linguistic distance modulate left caudate activity in bilinguals?"
  October 2017
- BSBM 5th Barcelona Summer School on Bilingualism
  Pompeu Fabra University, Campus de la Ciutadella, Barcelona, Spain
  September 2017
- Invited speaker at MindCare 2019-9th EAI International Conference on Pervasive Computing Paradigms for Mental Health
  Universidad de Belgrano, Buenos Aires, Argentina
  Project presentation: "Anthropometry and scan: A computational exploration on measuring and imaging"
  April 2019
- Adriatica summer school 2019- Body,senses and neural oscillations, an integrated approach to human perception and behavior
  Università "G. d'Annunzio" di Chieti-Pescara, Pescara, Italia
  June 2019
- Invited speaker at the *XXV AIP Congress, Experimental Section*
  Milan- San Raffaele University
  Project presentation: "Neural processing of taboo words: A functional imaging studies in foreign and native language speakers"
  September 2019

IT SKILLS

- Neuroimaging tools: SPM5, SPM8, SPM12, CAT12, MarsBaR, CONN, Clinical Toolbox, FSL, GingerALE, dcm2nii, FreeSurfer
- Data visualization: Mricro, Mricron, MricroGL, Philips DICOM Viewer
- Data analysis: SPSS, R
- Operating systems: Windows(XP,8,10), MacOS
- Other software: Matlab, Presentation
- Programming: basic knowledge of Python and R

LINGUISTIC COMPETENCES

- Italian mother tongue
- Advanced English C1
- B1 French