



MATTIA

DELLA ROCCA, PhD

CURRICULUM VITAE ET STUDIORUM

TOPICS OF INTEREST

History of psychology, contemporary neuroscience and neurotechnology

General psychology

Cultural and philosophical issues in neuroscience, cognition and technology

Science, technology and society in 21st century Europe

CURRENT POSITION

PROFESSOR OF "GENERAL PSYCHOLOGY" AND "HISTORY OF PSYCHOLOGY", GRADUATE SCHOOL IN PSYCHOTHERAPY "BIOS PSYCHÉ", ROME (2019 - PRESENT)

Teaching subjects: general psychology, cognitive psychology and neuroscience, history and philosophy of psychology

PROFESSOR OF "GENERAL PSYCHOLOGY", "SOCIAL PSYCHOLOGY", "INTRODUCTION TO NEUROSCIENCE" AND "FAMILY, SCHOOLS AND CHILD DEVELOPMENT", CIEE GLOBAL INSTITUTE, ROME (2019 - PRESENT)

Teaching subjects: general psychology, social psychology and neuroscience

ADJUNCT PROFESSOR OF "GENERAL PSYCHOLOGY", "PSYCHOLOGY OF DIGITAL ENVIRONMENTS" AND "SPECIAL DIDACTICS", UNIVERSITY OF ROME "TOR VERGATA" (2017 - PRESENT)

Teaching subjects: general psychology, history of psychology and neuroscience

PROFESSOR OF PSYCHOLOGY AND NEUROSCIENCE, ASSOCIAZIONI SPORTIVE E SOCIALI ITALIANE (2016 - PRESENT)

Teaching subjects: foundations of neuroscience, history of neuroethology, comparative neuroscience and psychology for Animal Assisted Intervention.

FORMER RESEARCH AND WORK POSITIONS

POSTDOCTORAL TEMPORARY FELLOW, FAST - ISTITUTO PER LA FILOSOFIA DELL'AGIRE SCIENTIFICO E TECNOLOGICO, CAMPUS BIO-MEDICO UNIVERSITY OF ROME (1/11/2016 - 4/30/2017)

Research topics: history and epistemology of *in silico* medicine and biomedical technologies (organs-on-a-chip); history and philosophy of contemporary STEM disciplines

P.I.: Doctor Marta Bertolaso

TEMPORARY FELLOW, RESEARCH CENTER FONDAZIONE IDIS - CITTÀ DELLA SCIENZA, NAPLES (1/11/2016 - 4/30/2017)

Research topics: science communication; science, technology and society in 21st century; societal and cultural impact of robotics and automation in Mediterranean countries

P.I.: Pietro Greco

EDUCATION

PHD IN PHILOSOPHY AND HISTORY OF SCIENCE, XXIX CYCLE, UNIVERSITY OF PISA AND UNIVERSITY OF FLORENCE - 2016

Research topics: history and epistemology of contemporary neuroscience, brain research and technoscience, social history of science, technology and medicine in the second half of 20th century

Thesis title: *A Brave New Science. On some historical and epistemological aspects of contemporary neuroscience (1945- 1976)* (viva passed on March 31, 2017; distinction: *cum laude*)

Supervisor: Professor Claudio Sergio Pogliano

VISITING PHD STUDENT AT THE DEPARTMENT OF PHILOSOPHY AND HISTORY OF SCIENCE (MIΘE), NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, GREECE - 2015

Main subjects covered: theory and methodology of historiography of science, historiography and philosophy of contemporary science, science and society and the Mediterranean countries

Host tutors: Professor Kostas Gavroglu, Professor Jean Christianidis, Professor Kostantinos Moutoussis and Professor Athanassios Protopapas

B.A. and M.A. IN MUSICOLOGY, UNIVERSITY OF ROME "TOR VERGATA", ITALY - 2005-2012

Main subjects covered: theory of music, acoustics, history of science, history of psychology, aesthetics and philosophy of music, psychology of music

Final works: *Primi Elementi per una Storia della Psicologia della Musica* ("First Materials For a History of the Psychology of Music", B.A.); *Storie, teorie e modelli della psicologia della musica* ("Histories, Theory and Models from the Psychology of Music", M.A.).

Degree mark: 110/110 with honours (B.A.), 110/110 with honours (M.A.)

Advisors: Professor Carmela Morabito, Professor Claudia Colombati and Professor Barbara Continenza

PAPERS, ARTICLES AND ESSAYS (SELECTION)

- Morabito, C., Della Rocca, M. (2020), "Prima e dopo Basaglia: riflessioni sulla dimensione storica e sociale della scienza", in Rufo F. (ed.) *La salute è un diritto. Giovanni Berlinguer e le riforme del 1978*, Roma: Ediesse, pp.
- Bertolaso, M., Della Rocca, M. (2017), "On the Processes of Growth of the Living Being and the Relevance of Relational Categories to Understand It", in *Rivista di Filosofia Neo-Scolastica*, CIX(2): 255-268.
- Della Rocca, M. (2017), "Of the Artistic Nude and Technological Behaviorism. Leon Harmon and the First Steps towards Neuromorphic Hardware", in *Nuncius. Journal of the Material and Visual History of Science*, 37(2): 376-411.
- Della Rocca, M., Pogliano, C. (2017), "Different Histories from 20th Century Neuroscience", in *Nuncius. Journal of the Material and Visual History of Science*, 37(2): 253-260.
- Della Rocca, M. (2017), "From Brains as Machines to Machines as Brains. A Short Historical and Epistemological Reflection on the Simulation and 'Reverse Engineering' of the Central Nervous System", in Cilia, N.D., Tonetti, L. (eds.), *Wired bodies. New perspectives on the Machine-Organism Analogy*, Roma: CNR Edizioni, pp. 53- 58.
- Della Rocca, M. (2017), "Histories of the Brain. Towards a critical interaction of the humanities and the neurosciences", in Leefman, J., Hildt, E. (eds.), *The Human Sciences after the Decade of the Brain*, Amsterdam: Elsevier, pp. 61-77.
- Della Rocca, M. (2016), "Sulla questione ideologica nelle neuroscienze", in Gagliasso, E., Morganti, F., Passariello, A. (eds.), *Percorsi Evolutivi. Lezioni di filosofia della biologia*, Milano: Franco Angeli, pp. 175-189.
- Della Rocca, M. Morabito, C. (2015), "Dalla riforma della psichiatria alla neuroetica, tra scienza, medicina e società. Attualità di alcuni aspetti del pensiero di Giovanni Berlinguer", in *Bioetica. Rivista Interdisciplinare*, 23(4): 563-580.
- Della Rocca, M. (2015), "In the Flesh? Appunti critici sul neuroessenzialismo", in *Scienza e Società*, 21/22, pp. 35-42.
- Morabito, C., Della Rocca, M. (2015), "Aldo Fasolo (1943-2014)", in *Scienza e Società*, 21/22, pp. 1-2.
- Della Rocca, M., Galloni, G., Morabito, C. (2014) "La storia delle scienze dall'errore all'ostacolo epistemologico" in Pedone, S., Tedeschini, M. (eds.) *Sensibilia 7 - 2013 - Errore*, Milano: Mimesis, pp. 229-241.
- Della Rocca, M. (2015), "Ideologia delle/nelle neuroscienze contemporanee", in Gagliasso, E., Della Rocca, M., Memoli, R. (eds.) *Marcello Cini e il presente. Epistemologia, storia e politiche della ricerca*, Pisa: ETS, pp. 189-199.

PRESENTATIONS, TALKS AND COMMUNICATIONS (SELECTION)

2021

- *L'approccio multidisciplinare ai DSA*, talk for the masterclass promoted by ANUPI TNPEE and Giunti Psychometrics, March 6-7 and 20-21.
- *Corpi, spazi, potere. Appunti di psicologia dei corpi viventi*, seminar for the General Sociology class, University of Pisa, January 13..

2019

- *Can you feel me? A brief journey of our brain into culture and social cognition*. CIEE Global Lecture Series, November 19, CIEE Global Open Campus, Rome,
- *Storia ed etica delle relazioni umani/animali: osservazioni filosofiche*, corso di formazione ECM "Benessere degli animali da laboratorio e metodi alternativi alla sperimentazione animale", October 15, Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri", Rome.
- *Fondamenti di Psicologia della Comunicazione*, seminario di formazione ECM "La relazione e la comunicazione nei disturbi del neurosviluppo" (for ANUPI), September 21-22, Ordine TSRM e PSTRP, Rome.

2018

- *Giochi di Potere*, talk for the "Schermi Mutanti" film festival, May 18, Palazzo delle Esposizioni, Rome.

2017

- *A Newton for a blade of grass. Ralph Stayner Lillie, the "iron wire model" and the early roots of neuromorphism*, talk at the 22nd meeting of the International Society for the History of the Neuroscience, June 19-23, Maison de l'Économie, Besançon, France.
- *Dal cervello-macchina alla macchina-cervello. Da dove viene, cosa significa e dove va il neuromorfismo?*, invited talk at 2017 OrvietoScienza festival, "Robot Sapiens", February 24-25, Palazzo dei Capitani del Popolo, Orvieto (TR), Italy.
- *On predictive possibilities of in silico simulations*, invited talk at the international workshop "Sliding Doors. Prediction and Contingency in Life Sciences", February 2-4, Sapienza University of Rome, Italy.

2016

- *Sogno e narrazione*, invited talk at the conference "Le Porte del Sogno", MACRO Museum of Rome, September 17, Rome, Italy.
- *A machine like a brain (not vice versa). On the simulation and the "reverse engineering" of the brain*. Invited talk for the doctoral seminar "EcoEvoEcog 2016: Macchina e Organismo", Sapienza University of Rome, June 22, Rome, Italy.
- *Normal and Pathological in the Age of Brain Machine. American psychiatry, neurophysiology and cybernetics at the half of 20th century*. Invited talk at the international conference "Oeconomia Corporis, The Body's Normal and Pathological Constitution at the Intersection of Philosophy and Medicine", University of Florence-Museo Galileo, May 13-14, Florence, Italy.
- *Oltre i Confini: "Conflitto, emozioni, rappresentazioni. La Grecia e l'Europa"*, seminar (as discussant) with Stathis Gourguris (Columbia University), University of Pisa, February 4, Pisa, Italy.

SCIENTIFIC JOURNALISM (SELECTION)

- Referee and juror for the 2015 Italian Scientific Communication and University Press Award ("Premio Nazionale di Divulgazione Scientifica ed Editoria Universitaria") promoted by Associazione Italiana del Libro.
- Della Rocca, M., Conte, S., "Giocare a calcio con qualcosa in meno", in *Il Post*, June 11, 2014.
- Della Rocca, M., "Un algoritmo per la neutralità della mente", in *il manifesto*, July 24, 2013.
- Author for the blog "... and science for all" for *Nuovo Paese Sera*, (2010 - 2012).

TEACHING ACTIVITIES AND PUBLIC SPEAKING (SELECTION)

In **2016**, tutor and teaching assistant for the Philosophy of Science class, Doctoral School in Engineering and Biomedical Engineering, Campus Bio-Medico University of Rome.

From **2015** to **2016**, teaching assistant for the chair of History of Science (Professor Claudio Sergio Pogliano), University of Pisa.

From **2013** to **2016**, teaching assistant for the chair of General Psychology and Introduction to Behavioral Sciences (Professor Carmela Morabito), University of Rome "Tor Vergata".

2018

- *General Psychology*, adjunct professor for Percorso FIT (Formazione Insegnanti 24 CFU), University of Rome "Tor Vergata".
- *Linguaggio Non Verbale e Public Speaking*, adjunct professor for the continuing education program, "Comunicazione efficace: Public speaking, Linguaggio Non Verbale, Comunicazione sul web e Leadership" (2nd edition), University of Rome "Tor Vergata" and BAICR - Cultura della Relazione s.c.a.r.l.
- *Introduction to the History Neuroscience*, module for the History of Biology class, "Charles Darwin" Department, Sapienza University of Rome.

2017

- *Linguaggio Non Verbale e Public Speaking*, adjunct professor for the continuing education program "Comunicazione efficace: Public speaking, Linguaggio Non Verbale, Comunicazione sul web", University of Rome "Tor Vergata" and BAICR - Cultura della Relazione s.c.a.r.l.
- *Foundations of Neuroscience*, professor for the Animal Assisted Intervention training program, Associazioni Sportive-Sociali Italiane (ASI) and L'Auriga ONLUS.

2016

- *Biomimetics and neuromorphism. A case study in the history and philosophy of 20th century science*, seminar for the Philosophy of Science class, Doctoral School in Biomedical Engineering, November 21, Campus Bio-Medico University of Rome.
- *REST-EX*, pitch presentation for the start-up competition "Start Cup Lazio 2016", University "Niccolò Cusano", July 18, Rome, Italy.
- *Ragionamento logico-critico e comunicazione*. Seminar for the graduate students of the Master in Information, Communication and Publishing Sciences, March-April, University of Rome "Tor Vergata", Rome, Italy.
- *La scienza dell'ecologia / 2*. Public debate about the life and work of Giovanni Berlinguer, April 11, Città della Scienza, Naples, Italy.

2015

- *Histories of the brain. Milestones, paths and developments of the neuroscience*. Short course for the undergraduate and graduate students of the Department of Philosophy and History of Science (MIØE), November 26 - December 2, National and Kapodistrian University of Athens, Greece.
- *On the economical and political determinations in and on life sciences*. Seminar for the undergraduate class of Bioethics, Department of Biology and Biotechnologies "Charles Darwin", November 2, Sapienza University of Rome, Italy.
- *Testa il Test*. Preparation course in Logic, Logical Reasoning and Critical Thinking for Biomedicine and Engineering students, July 22 - August 5, University of Rome "Tor Vergata".

ORGANIZATION OF SCIENTIFIC EVENTS (SELECTION)

- *Nexus. Human-Machine Interaction in Contemporary Culture, Technology and Science*, exhibition organized by Ministero dell'Istruzione, dell'Università e della Ricerca, Istituto di BioRobotica (Scuola Superiore Sant'Anna, Pisa, Italy), Museo Galileo - Istituto e Museo di Storia della Scienza, Firenze, Dipartimento di Scienze Sociali, Politiche e Cognitive, Università di Siena, January 23 - March 15, 2016, Palazzo Medici-Riccardi, Florence, Italy.
- *La scienza e l'Europa. Dalle origini al XIII secolo*, debate on Pietro Greco's book, with the author, Professor Carmela Morabito and Professor Lucio Russo (University of Rome "Tor Vergata"), April 30, 2015, University of Rome "Tor Vergata", Rome, Italy.
- *Scienza, politica, società*. Debate with Pietro Greco (Città della Scienza, Naples, Italy) and Walter Tocci (Senator of the Italian Parliament), May 8, 2014, University of Rome "Tor Vergata", Rome, Italy.
- *Marcello Cini e il presente. Epistemologia, storia e politiche della ricerca*. Conference and workshop, February 7, 2014, Department of Philosophy, Sapienza University of Rome, Rome, Italy.
- *Naturale e artificiale: Convegno per i dieci anni della scomparsa di Vittorio Somenzi (1918-2003)*. Conference and workshop, December 13-14, 2013, Department of Philosophy, Sapienza University of Rome, Rome, Italy.

GRANTS, PRIZES AND AWARDS

- "Percorsi di Scienza: orientamento sostenibile e cittadinanza scientifica tra Università, scuola e lavoro", *Torno Subito 2016 - European Structural and Investment Funds (ESIF) - European Social Fund 2014-2020* (grant awarded: €11.041,60).

AFFILIATIONS TO LABS AND SCIENTIFIC SOCIETIES

- Member of the *History and Philosophy of Psychology and Neurosciences Lab*, University of Rome "Tor Vergata".
- Member of the *STEP - Science and Technology in the European Periphery* international research group.
- Member of *RES Viva - Interuniversity Research Centre on Epistemology and History of Life Sciences*.
- Student member of the *International Society for the History of Neurosciences*.
- Student member of the *SISS - Società Italiana di Storia della Scienza*.
- Student member of the *BIOM - Società Italiana di Storia e Filosofia della Biologia e della Medicina*.

LANGUAGES

Mother tongue: Italian

Other languages:

Language/Skill	Reading	Writing	Speaking
English	C1	C1	C1
French	C1	C1	C1
Spanish	B2	B2	B2

ICT SKILLS

- **Languages:** HTML5, PHP, XML, SQL.
- **Tools:** Wordpress (programming, managing, layout architecture and content publishing), general-purpose Content Managing System, Adobe Dreamweaver, Photoshop Suite, Microsoft Office, LibreOffice.
- **Operating systems:** Windows, Linux (Ubuntu), Mac OS X.
- **Social Networking:** Skilled user of Twitter, Facebook, Instagram, LinkedIn.

OTHER ACTIVITIES I AM INVOLVED IN

- Work experience as health and social worker, especially with kids affected by Autism Spectrum Disorders and educational issues.
- Collector of ancient books and documents on the history of sciences and medicine.
- Proud blood donor since 2003.
- Cat lover.

For Italian administrations:

Curriculum reso sotto forma di dichiarazione sostitutiva di atto di notorietà, ai sensi degli artt. 46 e 47 del D.P.R. 445/2000.

Consapevole, secondo quanto prescritto dall'art. 76 del D.P.R. 445/2000, della responsabilità penale cui può andare incontro in caso di dichiarazione mendace, falsità negli atti ed uso di atti falsi, il sottoscritto dichiara sotto la propria responsabilità la veridicità di quanto riportato.

Autorizzo il trattamento dei miei dati personali 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".

ME, THE UNDERSIGNED
MATTIA DELLA ROCCA