

PERSONAL INFORMATION

Giulia Sirianni

POSITION

Add SAPIExcellence – Post-doc researcher (2024-2025) from La Sapienza university, Rome.

WORK EXPERIENCE

2020-2023

Post-doc researcher (MSCA-IF) -one year interruption due to covid-19 emergency-

Faculty of Literature & Philosophy, Department of Ancient World Studies, Sapienza University of Rome, Italy

2017-2019

Post-doc researcher

Max-Planck Institute for evolutionary Anthropology; Department of Primatology, Leipzig, Germany

2020-2021

Teacher of Mathematics and Sciences Secondary school (during 1-year interruption of my MSC-IF due to covid restrictions to travelling).

School P. Borsellino, Monte Compatri, Rome, Italy

EDUCATION AND TRAINING

October 2017

PhD ("Dr. Rer. Nat.") Final Mark Magna cum Laude

Leipzig University, Leipzig School of Human Origins, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany -

- Dissertation: Tool mediated nut-cracking and physical cognition in wild chimpanzees and capuchin monkeys: a field approach

July 2010

Master Degree ("Laurea Specialistica") in Ecobiology: - Final Mark 110/110 Summa cum laude

Università degli studi di Roma "La Sapienza", Rome, Italy.

- Thesis: Food processing and tool use in wild capuchin monkeys

February 2007

Bachelor Degree ("Laurea di Primo Livello") in Ecology - Final Mark 110/110 summa cum laude

Università degli Studi di Roma "Tor Vergata", Rome, Italy.

- Thesis: A case of infant handling in tonkean macaques, maternal hormonal and behavioral response

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

French	B1	B2	B2	B2	B1
Portuguese	C1	C2	C1	C1	B2
German	A1	A2	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Driving licence driving licence category B

ADDITIONAL INFORMATION

Publications

Sirianni G., Falótico T., Caricola I., Bocioaga C., Lemorini C. Spinapolic E. (*accepted for publication* Journal of Archaeological Science: Reports) Pounding tools used by wild capuchin monkeys (*Sapajus libidinosus*) to process a hard palm nut (*Acrocomia aculeata*) and unintentionally flakes production at a new site, Ubajara National Park (Ceará, Brazil): a techno-morpho functional, use-wear and residues analyses.

Falótico T., Valença T., Verderane M.V, Santana B.C, Sirianni G. (accepted: American Journal of Primatology- ID 23-0052). Mapping nut-cracking in a new population of wild capuchin monkeys (*Sapajus libidinosus*) at Ubajara National Park, Brazil

Ventricelli, M., Gratton, P., Sabbatini, G., Addressi, E., Sgaraglia, G., Rufo, F., & Sirianni, G. (2022). Individual Variation in Response to Novel Food in Captive Capuchin Monkeys (*Sapajus* spp.). *Frontiers in Ecology and Evolution*, 10.

Sirianni G., Luncz L., Gratton P. (2019) An energetic model of foraging optimisation: Wild chimpanzee hammer selection for nut-cracking. *Tai Chimpanzees: 40 years of research*. eds C. Boesch & R. Wittig, CUP

Sirianni G., Wittig R.M., Gratton P., Mundry R., Schöler A., Boesch C. (2018). Do chimpanzees anticipate an object's weight? A field experiment on the kinematics of hammer-lifting movements in the nut-cracking *Tai* chimpanzees. *Anim. Cogn.* 21, 109-118.

Luncz L.V., Sirianni G., Mundry M., Boesch C. (2018) Costly culture: differences in nut cracking efficiency between wild chimpanzee groups. *Anim. Behav* 137, 63-73

van Pinxteren, B. O., Sirianni, G., Gratton, P., Després - Einspenner, M. L., Egas, M., Kühl, H., ... & Janmaat, K. R. (2018). Sooty mangabeys scavenge on nuts cracked by chimpanzees and red river hogs—An investigation of inter - specific interactions around tropical nut trees. *Am. J. Primatol.*, e22895.

Visalberghi V*, Sirianni G.*, Frigaszy D., Boesch C. (2015). Percussive tool use by *Tai* Western chimpanzees and Fazenda Boa Vista bearded capuchin monkeys: A comparison. *Philos. Trans.*

Royal Soc. B, 370(1682), 20140351. *Shared first authorship

Sirianni G., Mundry R., Boesch C. (2015). When to choose which tool: multidimensional and conditional selection of nut-cracking hammers in wild chimpanzees. *Anim. Behav.* 100, 152-165.
Sirianni G. & Visalberghi V. (2013). Wild Bearded Capuchins Process Cashew Nuts Without Contacting Caustic Compounds. *Am. J. Primatol.* 75, 387-393.

Visalberghi E., Sirianni G. (2011). How wild bearded capuchin monkeys deal with the toxic compounds of *Anacardium occidentale*. *Folia Primatologica* 82, 321-402. (abstract) DOI: 10.1159/000337909

Carosi M., Sirianni G., Bastianelli G., Santurbano G., Cozzolino R. (2008). A Case of Prolonged 'Infant Handling' and Carrying by a Pregnant Group-Living Tonkean Macaque Female (*Macaca tonkeana*). *Folia Primatologica* 79, 123-159. (abstract).

Conferences

2021 - "Marie Skłodowska-Curie Actions LAB", University of Rome La Sapienza, Italy. Aim: training researcher to develop, write and apply for a MSC fellowship.

2018- Training of volunteers participating at the Panaf project (<http://panafrican.eva.mpg.de/>) on the protocol for data collection on tool use in wild chimpanzees, MPI-eva, Leipzig, Germany.

INVITED SPEAKER AT CONFERENCES

2014 UCL, London Percussive Technology and Human Evolution Conference: When to choose which tool multidimensional and conditional selection of nut cracking hammers in wild chimpanzees

2014 Vietnam Int. Primatological. Soc (IPS), symposium: New frontiers in stone tool use by monkeys and apes: Conditional selection of nut cracking tools in wild chimpanzees

2014, Kyoto University, Japan IPS pre-congress seminar: Tool use in primates: Nut-Cracking and Cognition in Tai Chimpanzees

PRESENTATION AT CONFERENCES

2022 - XXIV National Conference of the Italian Primatological Association (API, Turin, IT). The role of experience and social context in a novel tool-use task based on the Aesop's fable task in captive capuchin monkeys (*Sapajus* spp.). Ventricelli M., Gratton P., Sabbatini G., Sirianni G.

2022- XXIV National Conference of the Italian Primatological Association (API, Turin, IT). Capuchin culture at risk: a matter for conservation. Spagnoletti N., Sirianni G., Falótico T.

2022- The Animal Behavior Society (ABS, S. Josè, Costa Rica). Variation in Nut-Cracking Sites of Bearded Capuchin Monkeys in Dry Areas of Ubajara National Park. Valença T., Sirianni G., Verderane M., Santana B., Falótico T.

2020- 53rd Scientific Conference Prehistory and Protohistory (Genoa, IT). Primate Archaeology: technological analysis on percussive tools used by *Sapajus libidinosus* Ubajara National Park, (Brazil) Bocioaga C., Sirianni G., Lemorini C., Caricola I., Falótico T., Spinapolice E.

2015- 6th European Federation for Primatology Meeting (EFP). (Rome, IT). Oral presentation: Do chimpanzees anticipate an object's weight? A field experiment on the kinematics of hammer-lifting movements in the nut-cracking Tai chimpanzees; authors: Sirianni G., Wittig R., Boesch, C.

2013- First European Student Conference on Behavior and Cognition – Göttingen DE -. Oral presentation: "Flexible selection of nut-cracking tools in wild chimpanzees"; authors: Sirianni G., Mundry R., Boesch C.

2011- 4th Congress of the European Federation for Primatology. Fórum Municipal Romeu Correia, Almada, Portugal. Oral presentation: "How wild bearded capuchin monkeys deal with the toxic compounds of *Anacardium occidentale*"; authors: Visalberghi E., Sirianni G.

2011- Animal Behavior Society and International Ethological Conference, Bloomington, IN, USA. Poster Presentation : "Vigilance in capuchin monkeys: Evidence for an endogenous rhythm?"; authors: Stone, B. W., Liu, Q., Jeyarah, T., Sirianni, G., Busch-Dienstfertig, M., Christel, M., Vickers, J., Visalberghi, E., & Fragaszy, D.

2010- 23th Meeting of International Primatological Society – September 2010 Kyoto, Japan,

IPS2010 post-congress seminar. HOPE field seminar on "Tools in Primates" -Myoko-Sasagamine Huette of Kyoto University, Japan. Oral presentation: Sexual differences in tool use and vigilance behaviour in a wild population of *Cebus libidinosus*; authors: Sirianni G. and Visalberghi E.

2007- 18th Meeting of the Italian Primatological Society - Calci (PI), Italy. Oral presentation: A Case of Prolonged 'Infant Handling' and Carrying by a Pregnant Group-Living Tonkean Macaque Female (*Macaca tonkeana*); authors: Carosi M., Sirianni G., Bastianelli G., Santurbano G., Cozzolino R.

Lectures

2021, 2019 How to stay in Academia and Project writing: my personal story as a (Archeo) Primatologist, University of Amsterdam, the Netherlands and University of Rome La Sapienza, Italy

2021 Culture & Tool use in living-primates, the role of Primate Archaeology, University of Rome La Sapienza, Italy

2018 Methods in Primatology, University of Leipzig, Germany

2018 Field Experiments with Wild Primates, University of Leipzig, Germany

2018, 2014 Primate Cognition I+II, University of Leipzig, Germany

2017, 2015 Natural Observation with Wild Primates, University of Leipzig, Germany

2015 Tool Use and Physical Cognition in Animals, University of Rome "Roma III", Italy

2015 Nut-cracking in Tai chimpanzees, a focus on field work: natural observations and field experiments, University of Rome "Roma III", Italy

2014 Primate Culture and tool use, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

Honours and awards

2014 PanAf protocol for the identification, collection and storage of tools, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

2023 – Habilitation for teaching of mathematics and science in secondary school (Concorso Ordinario STEM 2022, Regione Campania)

2020 – 2023 Marie Skłodowska-Curie Action (IF) proposal 839363. (eur 183.473,28)

2018- Katharina-Winscheid- Doctoral Prize, Research Academy Leipzig (€ 500)

2018 - Luncz, Sirianni et al. (2018) selected for Animal Behavior Editors' Choices

2016 - Sirianni et al. (2015) selected for Animal Behaviour as one of the 11 most interesting papers on chimpanzees behaviour published in the last few years

2009 - Grant by "Nordesta - reflorestamento e educação" www.nordesta.org (€ 500). Contribution for my diploma thesis work in Brazil.

2009 - Scholarship by Università degli Studi di Roma "La Sapienza" (€ 2.800,00) for development of a thesis project abroad. Two scholarship are granted each year to students in Biology selected according to their academic results.

2008 - Scholarship by "Poste Italiane" (€ 2.500,00) awarded to employee's sons/daughters with excellent academic results in their first degree.

2008 - Scholarship by Università degli Studi di Roma "La Sapienza" (€ 1.095,00). Collaboration in university services. Participating students are selected according to their academic results.

2007 - Grant by Ethoikos S.r.l. (€ 400,00). Contribution for further development of my first degree thesis project.

2006 - Grant by Ethoikos S.r.l. covering travel and accommodation costs during my staying at Faculty of Veterinary, Padova, Italy during a laboratory experience.

Memberships

2011 – 2015 Member, European Federation for Primatology

2010, 2014 Member, International Primatological Society

2007 Member, Italian Primatological Society