

Veronica Maglieri

Curriculum vitæ et studiorum



Personal data

DATE OF BIRTH 20/07/1993

PLACE OF BIRTH Livorno (LI)

NATIONALITY Italian

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Belonging to the protected categories according to Italian law 68 of 1999, with 46% degree of disability.

Current position

Postdoctoral researcher at the Ethology Unit, Department of Biology, University of Pisa, Italy.

Main scientific experience

Social behaviour in different mammalian species, with a focus on facial expressions (play faces, yawning, threatening faces) and mimicry phenomena (rapid facial mimicry, contagious yawning and mimicry in the use of objects).

Experimental observations: impossible task test, showing behaviour test, mirror self-recognition test, administration of video stimuli in controlled environments.

Naturalistic observations in captivity (European Zoos and Zambia) and in the wild (South Africa).

Interspecific communication: man-dog, dog-horse, dog-cat, orangutan-gibbon. Nonverbal communication in *Homo sapiens*.

Play behaviour and intraspecific visual/acoustic communication in domestic animals (dogs, horses, cats), social carnivores (wolves, spotted hyenas, dwarf mongooses, African wilddogs, lions), *Tursiops truncatus* and in different primate species (*Papio hamadryas*, *Pongo* spp., *Macaca* spp., *Theropithecus gelada*, *Pan troglodytes*)

Academic studies

PhD in biology earned the 15th of February 2024 at the University of Pisa.

THESIS TITLE: "Play behaviour in dogs and wolves"

SUPERVISOR: Prof. Elisabetta Palagi

Master Degree in "Conservation and Evolution" (LM-6, Biology) earned the 11th of February 2019 at the University of Pisa.

FINAL DEGREE MARK: 110/110 *cum laude*.

THESIS TITLE: "Looking for Human Help: a pilot study on Czechoslovakian Wolfdog using the Impossible Task"

SUPERVISOR: Prof. Elisabetta Palagi.

Bachelor Degree in "Natural Science" (L-32) earned the 6th of April 2016 at the University of Pisa.

FINAL DEGREE MARK: 102/110.

THESIS TITLE: "Telemetria satellitare delle tartarughe marine: valutazione delle prestazioni di differenti tipi di trasmittente"

SUPERVISORS: Prof. Paolo Luschi, Mrs. Resi Mencacci.

Certificate of maturity earned in 2012 at "ITIs Galileo Galilei", Livorno, Italy.

Grants and awards

JUNE 2023: Winner of the 2023 edition of the “Best scientific paper published by young researcher” award organized by the Italian Ethological Society for the paper “The relaxed open mouth is a true signal in dogs: demonstrating Tinbergen's ritualisation process” published on *Animal Behaviour*.

APRIL 2023: Winner of the ERASMUS+/KA131 grant for traineeship at Planete Sauvage, Nantes, France.

SEPTEMBER 2022: Winner of the ERASMUS+/KA131-EXTRA UE grant for traineeship at Siyafunda Wildlife and Conservation, South Africa.

NOVEMBER 2021: Awarded with the 2021 Pineapple Science Award for Psychology.

AUGUST 2020 – OCTOBER 2020: Student grant “Osservazione e videoanalisi del comportamento di tartarughe in ambiente controllato e gestione di dati di telemetria satellitare” at the Biology Department, University of Pisa.

TUTOR: Prof. Paolo Luschi, University of Pisa.

OUTPUT: Turtle tracking and database implementation.

JULY 2020: Winner of the “Marco Marchesini” national degree award for the master thesis on an ethology topic, conferred by the “Istituto Veneto di Scienze, Lettere ed Arti”.

OCTOBER 2019 – DECEMBER 2019: Student grant “Strumenti per la comunicazione dell’offerta formativa e delle linee di ricerca del Dipartimento di Biologia” at the Biology Department, University of Pisa.

TUTOR: Prof. Sergio Tofanelli, University of Pisa.

Outcome: <https://www.youtube.com/watch?v=Ez98Wfo7lak>

Other postgraduate studies

DECEMBER 2019: Workshop on video-making and post-production aimed to the creation of a promotional video about the bachelor’s degrees of the Department of Biology (University of Pisa).

Teachers: Kevin Creatini (video maker) and Alessandro Feira Chios (photography director)

FEBRUARY 2019 – JULY 2019: Training course “Percorso formativo 24 crediti” at University of Pisa.

Work experience

OCTOBER 2020: Substitute teacher in maths and science at the middle school “G. Bartolena”, Piazza San Simone 9, Livorno.

MAY 2020 – JULY 2020: Appointed as expert in environmental matters to the drafting of texts for the website and for the brochures of the Life project “LETGSGO GIGLIO” (LIFE18 NAT/IT/000828) at the PromoPA Foundation, Lucca.

FEBRUARY 2019 – MARCH 2023: Educational courses and workshops for students of all levels, including university students, at the “Acquario di Livorno”, Livorno.

JUNE 2018 – JUNE 2019: University peer tutor at the Biology Department, University of Pisa.

Organization of congresses

11-14 SEPTEMBER, 2024: staff member of 83^o convention of the Italian Zoological Society (“Unione Zoologica Italiana”) at the University of Pisa, Italy.

14-18 MAY 2023: organizational secretary of the workshop “Play and the evolution of creative societies”, at “The Ettore Majorana Foundation and Centre for Scientific Culture”, Erice, Italy.
<http://schools.centromajorana.it/playevol2023>.

18-21 JUNE 2017: staff member of XXVII convention of the Italian Ethological Society (“Società Italiana di Etologia”), at Museum of Natural History, Calci, Pisa.

Seminars by invitation

25th March 2022: “Data collection on a colony of Artic Wolves” for the staff of the “Planete Sauvage” zoo, Nantes, France.

16th NOVEMBER 2020: “Looking for human help: gazing as a communication tool” at the “Centro di Riferimento per le Scienze Comportamentali e la Salute Mentale”, Istituto Superiore di Sanità di Roma, organized by Dr. Augusto Vitale.

14th MAY 2020: speaker of the online seminar "The universal language of play: the horse-dog case" as part of the seminar cycle "Ethology Ecology Evolution, Zoology at the time of Covid19", organized by Dr. Alessandro Cini (University of Florence) (www.incontridizooologia.it).

Tutoring support

Expert in the field of Ethology and member of the exam committee for bachelor and master students at the University of Pisa.

Support to undergraduate students (10 bachelor students, 17 master students) in data collection, video/audio analyses, statistical analysis and drafting.

Publications

Fantoni F., **Maglieri V.**, Giusti N., Scopa C., Pallante V., Loprete L., Palagi E. (2025) Teeth baring as a model to understand complex facial signals in a tolerant macaque species". *American Journal of Primatology*, e23697. <https://doi.org/10.1002/ajp.23697>

Francesconi M., Loprete AL., **Maglieri V.**, Davila-Ross M., Palagi E. (2024) Without optimum support: effect of maternal early deprivation on play in semi-wild chimpanzees (*Pan troglodytes*). *Animal Behaviour* 218, 185-13.
<https://doi.org/10.1016/j.anbehav.2024.10.016>

Maglieri V., Vantaggio F., Pilenga C., Favaro L., Palagi E. (2024) “Smiling” under water: playful facial communication in tursiops. *iScience*, 110966.
<https://doi.org/10.1016/j.isci.2024.110966>

Maglieri V., Palagi E. (2024) Wolves and dogs unleashed: exploring differences and similarities in adult play. *International Journal of Play*, 1–17.
<https://doi.org/10.1080/21594937.2024.2388957>

Maglieri V., Mastrandrea F, Galotti A, Boye M, Laurent S, Marcolla A, Palagi E. (2024) Tell-tale signals: faces reveal playful and aggressive mood in wolves. *Animal Behaviour* 214, 1-9.
<https://doi.org/10.1016/j.anbehav.2024.05.013>

Maglieri V., Scopa C., Modica G., Palagi E. (2024) All in good time: play development and tactics in semi-free ranging foals (*Equus caballus*). *Applied Animal Behaviour Science* 273, 106244. <https://doi.org/10.1016/j.applanim.2024.106244>

Galotti A., Fausti G., Casetta G., Nolfo A., **Maglieri V.**, Palagi E. (2024) More than a simple fixed action pattern: social functions of yawning in drills. *Primates* 65(4), 281-297. <https://doi.org/10.1007/s10329-024-01127-7>

Felici M., Reddon A., **Maglieri V.**, Lanatà A., Baragli P. (2023) Heart and brain: Change in cardiac entropy is related to lateralised visual inspection in horses. *PLoS ONE* 18(8), e0289753. <https://doi.org/10.1371/journal.pone.0289753>

Maglieri V., Zanolì A., Giunchi D., Palagi E. (2023) Social isolation affects the mimicry response in the use of smartphones: an ethological experiment during Covid-19 pandemic. *Human Nature* 34, 88–102. <https://doi.org/10.1007/s12110-023-09443-5>

Maglieri V., Zanolì A., Mastrandrea F., Palagi E. (2023) Don't stop me now, I'm having such a good time! Czechoslovakian Wolfdogs renovate the motivation to play with a bow. *Current Zoology* 69(1), 50-58. <https://doi.org/10.1093/cz/zoac013>

Pedruzzi L., Aychet J., Le Vern L., **Maglieri V.**, Rossaurd A., Lemasson A., Palagi E. (2022) Familiarity modulates both intra- and interspecific yawn contagion in red-capped mangabeys. *Scientific Reports* 12, 11138. <https://doi.org/10.1038/s41598-022-15395-0>

Scopa C., **Maglieri V.**, Baragli P., Palagi E. (2022) Getting rid of blinkers: the case of mirror self-recognition in horses (*Equus caballus*). *Animal Cognition* 25(4), 711-716. <https://doi.org/10.1007/s10071-022-01638-0>

Maglieri V., Zanolì A., Mastrandrea F., Palagi E. (2022) The relaxed open mouth is a true signal in dogs: demonstrating Tinbergen's ritualisation process. *Animal Behaviour* 188, 65-74. <https://doi.org/10.1016/j.anbehav.2022.03.01>

Zannella A., Stanyon R., **Maglieri V.**, Palagi E. (2021) Not all yawns tell the same story: the case of Tonkean macaques. *American Journal of Primatology* 83, e23263. <http://doi.org/10.1002/ajp.23263>

Maglieri V., Riccobono MG., Giunchi D., Palagi E. (2021) Navigating from live to virtual social interactions: looking at but not manipulating smartphones provokes a spontaneous mimicry response in the observers. *Journal of Ethology* 39, 287–296. <https://doi.org/10.1007/s10164-021-00701-6>

Baragli P., Scopa C., **Maglieri V.**, Palagi E. (2021) If Horses Had Toes: Demonstrating Mirror Self Recognition at Group Level in *Equus caballus*. *Animal Cognition* 24, 1099–1108. <https://doi.org/10.1007/s10071-021-01502-7>

Maglieri V., Bigozzi F., Riccobono MG., Palagi E. (2020) Levelling playing field: synchronization and rapid facial mimicry in dog-horse play. *Behavioural Processes* 174, 104104. <http://dx.doi.org/10.1016/j.beproc.2020.104104>

Maglieri V., Prato-Previde E., Tommasi E., Palagi E. (2019) Wolf-like or dog-like? A comparison of gazing behaviour across three dog breeds tested in their familiar environments. *Royal Society Open Science* 6, 190946. <http://dx.doi.org/10.1098/rsos.190946>

Contributions presented at scientific conferences

Maglieri V., Fantoni F., Pedruzzi L., Mastrandrea F., Pellis V., Pellis S., Palagi P. Laughing Out Loud: the case of the orang-utans (*Pongo* spp.).

Poster, 2024, workshop “Redefining Emotional Expression: current perspectives” at the “Ettore Majorana Foundation and Centre for Scientific Culture”, Erice, Italy.

<https://centromajorana.it/redefineemotions2024/#home>

Maglieri V., Galotti A., Garzelli A., Apollonio M., Boni CB., Cappai N., Coppola F., Del Frate M., Di Rosso A., Disegna A., Fazzi P., Felicioli A., Gennai A., Lucchesi M, Massolo A, Petroni L., Palagi E. *Playful packs: facial expressions and mimicry in wild Canis lupus italicus*.

Talk, 2024, 83° convention of the Italian Zoological Society (“Unione Zoologica Italiana”), University of Pisa, Italy.

https://www.uzionlus.it/83-congresso-uzi-2024/Book_Abstracts_Communications.pdf, page 82.

Scopa C., **Maglieri V.**, Palagi E., Palanza P. How to get it! Unveiling toddlers’ self-regulation through the impossible task-like paradigm.

Talk, 2024, XXX convention of the “Società Italiana di Etologia”, University of Turin, Italy.

<https://drive.google.com/file/d/11nCdLDJCND618qzX5C8uMoVBtmzmKg-o/view?pli=1>, page 64.

Bandoli F., Mangia S., **Maglieri V.**, Palagi E. *Living together: investigating agonistic and self-directed behaviours in zoo-housed African penguins (Spheniscus demersus)*.

Talk, 2024, XXX convention of the “Società Italiana di Etologia”, University of Turin, Italy.

<https://drive.google.com/file/d/11nCdLDJCND618qzX5C8uMoVBtmzmKg-o/view?pli=1>, page 52.

Loprete AL., Galotti A., Francesconi M., **Maglieri V.**, Davila-Ross M., Palagi E. *Yawn complexity in semi-wild chimpanzees: the leading role of females in yawn contagion*.

Talk, 2024, XXX convention of the “Società Italiana di Etologia”, University of Turin, Italy.

<https://drive.google.com/file/d/11nCdLDJCND618qzX5C8uMoVBtmzmKg-o/view?pli=1>, page 48.

Commauda S., **Maglieri V.**, Prato-Previde E., Palagi E. *One hundred and one dogs: testing hypotheses on showing behaviour*.

Talk, 2024, XXX convention of the “Società Italiana di Etologia”, University of Turin, Italy.

<https://drive.google.com/file/d/11nCdLDJCND618qzX5C8uMoVBtmzmKg-o/view?pli=1>, page 25.

Schianini V., Masciarelli E., Francesconi F., **Maglieri V.**, Graziani L., Mastrandrea F., Job M., Davidian E., Höner O., Palagi E. *The sounds of play: exploring vocalisations in wild spotted hyenas*.

Poster, 2024, XXX convention of the “Società Italiana di Etologia”, University of Turin, Italy.

<https://drive.google.com/file/d/11nCdLDJCND618qzX5C8uMoVBtmzmKg-o/view?pli=1>, page 98.

Maglieri V., Mastrandrea F, Boye M, Laurent S, Marcolla A, Palagi E. *Faces reveal playful and aggressive mood in wolves*.

Talk, 2023, workshop “The Evolution of Emotion Expressions in Humans and Other Animals”, Durham, United Kingdom.

Maglieri V., Mastrandrea F, Boye M, Laurent S, Marcolla A, Palagi E. *Are you playing or fighting? Just look at the face in wolves*.

Talk, 2023, workshop “Play and the evolution of creative societies”, at the “Ettore Majorana Foundation and Centre for Scientific Culture”, Erice, Italy.

<http://schools.centromajorana.it/playevol2023>

Maglieri V., Vantaggio F., Pilenga C., Gallo A., Lemasson A., Favaro L., Palagi E. Visual

communication during play in cetaceans: the case of bottlenose dolphins.
Poster, 2023, workshop “Play and the evolution of creative societies”, at “The Ettore Majorana Foundation and Centre for Scientific Culture”, Erice, Italy.
<http://schools.centromajorana.it/playevol2023>

Francesconi M., Loprete AL., **Maglieri V.**, Davila-Ross M., Palagi E. Without OPTI-MUM support: effect of maternal early deprivation on play in chimpanzees (*Pan troglodytes*).
Poster, 2023, workshop “Play and the evolution of creative societies”, at “The Ettore Majorana Foundation and Centre for Scientific Culture”, Erice, Italy.
<http://schools.centromajorana.it/playevol2023>

Bandoli F., Soldati S., **Maglieri V.**, Palagi E. *Shake it off: releasing anxiety in a cooperative carnivore species (Suricata suricatta)*.
Talk, 2022, “XII Convegno Nazionale sulla Ricerca nei Parchi” at Parco Natura Viva, Verona, Italy.
<https://www.parconaturaviva.it/mission/ricerca/eventi-scientifici/convegno-nazionale-della-ricerca-nei-parchi/iscrizione/programma>

Maglieri V., Zanolì A., Giunchi D., Riccobono MG., Palagi E. *Mimicry in object manipulation: the case of smartphones*.
Talk, 2022, XXIV conference of the “Associazione Primatologi Italiani” at the University of Turin, Turin, Italy.
https://www.associazioneprimatologiitaliani.it/wp-content/uploads/2022/09/API_Provisional_Program_19_09.pdf, page 2.

Maglieri V., Zanolì A., Mastrandrea F., Palagi E. *Don't let me be misunderstood: communication and signals in Czechoslovakian Wolfdog play*.
Poster, 2022, XXXIX Convention of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.
https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 49.

Pedruzzi L., Aychet J., Le Vern L., **Maglieri V.**, Rossaurd A., Lemasson A., Palagi E. *Yawning to the screen: an experimental study of intra- and interspecific yawn contagion in monkeys*.
Talk, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.
https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 70.

Baragli P., Felici M., **Maglieri V.**, Lanatà A., Reddon A. *The use of the right eye to look an object increases entropy of the heart rate variability in horses*.
Poster, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.
https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 9.

Galotti A., Casetta G., **Maglieri V.**, Nolfo AP, Palagi E. *Yawning and communication in drills (Mandrillus leucophaeus)*.
Poster, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.
https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 40.

Scopa C., Modica G., **Maglieri V.**, Palagi E. *Becoming socially competent: playing with and*

at others in foals (Equus caballus).

Poster, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.

https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 83.

Francesconi M., Loprete L., **Maglieri V.**, Davila-Ross M., Palagi E. *Building and reinforcing social relationships: play and grooming as complementary strategies in chimpanzees.*

Talk, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.

https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 37.

Bandoli F., Soldati S., **Maglieri V.**, Palagi E. *Shake it off: releasing anxiety in a cooperative carnivore species (Suricata suricatta).*

Poster, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.

https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 8.

Maglieri V., Coppola F., Sola V., Mori E., Felicioli A., Palagi E. *First description of play behaviour in wild crested porcupines (Hystrix cristata).*

Poster, 2022, XXXIX Conference of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.

https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 50.

Vantaggio F, **Maglieri V.**, Pilenga C., Favaro L., Palagi E. *How do dolphins signal their motivation to play?*

Poster, 2022, XXXIX Convention of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.

<https://siepadova2022.files.wordpress.com/2022/09/lista-poster-sie-2022-05-sept-1.pdf>, page 94.

Nicelli G., **Maglieri V.**, Nolfo AP., Casetta G., Palagi E. *Play and rapid facial mimicry in a group of african painted dogs (Lycaon pictus).*

Poster, 2022, XXXIX Convention of the “Società Italiana di Etologia”, Botanical Garden of Padova, Padova, Italy.

https://siepadova2022.files.wordpress.com/2022/09/libretto-abstract-sie-2022_final-1.pdf, page 60.

Maglieri V., Zanolli A., Mastrandrea F., Palagi E. *Two signals, two functions: communication and play fighting in Czechoslovakian Wolfdogs.*

Poster, 2022, European Conference on Behavioural Biology, Groningen, Netherlands.

<https://ecbb22.files.wordpress.com/2022/08/ecbb2022-abstractbook-2022-08-01.pdf>, page 89.

Pedruzzi L., Aychet J., Le Vern L., **Maglieri V.**, Rossauro A., Lemasson A., Palagi E. *What makes some yawns so contagious? an experimental approach in monkeys.*

Talk, 2022, European Conference on Behavioural Biology, Groningen, Netherlands.

<https://ecbb22.files.wordpress.com/2022/08/ecbb2022-abstractbook-2022-08-01.pdf>, page 31.

Cordoni G., Tommasi E., **Maglieri V.**, Palagi E. *Intentionality and rapid mimicry during playful*

interaction in Czechoslovakian Woldogs.

Talk, 2019, at XXVIII convention of “Società Italiana di Etologia”, University of Florence, Florence, Italy.

Maglieri V., Bigozzi F., Riccobono MG., Palagi E. *Beyond the species! Dog-Horse communication during social play.*

Poster, 2019, XXVIII convention of the “Società Italiana di Etologia”, University of Florence, Florence, Italy.

Palagi E., **Maglieri V.**, Tommasi E., Prato-Previde E. *Looking for Human Help: a Pilot Study on Czechoslovakian Wolfdog using the Impossible Task Paradigm.*

Poster, 2017, XXVII convention of “Società Italiana di Etologia”, University of Pisa, Pisa, Italy.

https://www.msn.unipi.it/wp-content/uploads/2017/06/libro_degli_abstract_sie_2017.pdf, page 40.

Editorial activities

Reviewer for the following scientific journals:

International Journal of Play, Scientific Reports, Neuroscience and Biobehavioral Reviews, PLOS ONE, Behaviour, Primates, Journal of Applied Animal Welfare Science, Frontiers in Psychology, Infant Behavior and Development, Journal of Comparative Psychology, Behavioural Processes, Animal Behaviour, Current Zoology, Animal Cognition, Philosophical Transactions of the Royal Society, The International Journal of Play, Proceeding of the Royal Society B, PeerJ.

Scientific dissemination

28TH DECEMBER 2024: Delivered a TEDx talk titled “Attenti a quel sorriso”, exploring the similarities in laughter and emotional expression across species, and promoting a deeper understanding of the universality of emotions.

<https://www.tedxleverano.com/tedxleverano-2024>

27th NOVEMBER 2024: Guest on the program “Geo” (RAI3, Italian television) to talk about play behaviour in dogs and wolves.

<https://www.raisplay.it/video/2024/11/Il-guardiano-dellisola---Geo---27112024-bd81a522-dd14-4a9e-83d4-8a60a2d51744.html>

OCTOBER 2024: Author of the chapter 'The Panspermia Theory' for the fourth volume of 'The Scientific Satyr' (“Il satiro scientifico”), edited by Barbascura X, Gaia Collection, Mondadori.

OCTOBER 2024: Co-author, Scientific Reviewer and Consultant for the theater show "Sono qui per caos" by Barbascura X, focused on the topic of evolution and natural selection.

<https://www.barbascura.com/spettacoli/>

JULY 2024: writer for the television show “72 Dangerous Animals: Asia” on air on DMAX Italia from July 13th.

<https://guidatv.quotidiano.net/72-animali-pericolosi/20-07-2024/dmax/19728262/>

17th MAY 2024: Guest on the episode “La scienza del Pianeta delle Scimmie” by Slimdogs to discuss the scientific accuracies and inaccuracies behind the saga of these films.

<https://www.youtube.com/watch?v=zi8G3tHiM8c>

MAY 2024: Author of the chapter 'Alternative Reproductive Tactics' for the third volume of 'The Scientific Satyr' ("Il satiro scientifico"), edited by Barbascura X, Gaia Collection, Mondadori.

APRIL 2024: Author of the video "Abbiamo scoperto perché il PANDA non vuole pucciare (forse)" on the Barbascura eXtra channel, regarding the panda's gut microbiome and its influence on reproductive behavior.

<https://www.youtube.com/watch?v=XxsSkq3Mpa8>

30 APRIL 2024: Guest on the program "Geo" (RAI3, Italian television) to talk about the mirror self-recognition experiment in animals and children.

<https://www.raiplay.it/video/2024/04/Geo-Puntata-del-30042024-5549a859-0883-4e35-a832-cd6a404ea219.html>

12nd APRIL 2024: Guest on the "Geo" TV live program (RAI3, Italian television) to talk about motor resonance phenomena in human and non-human animals.

<https://www.raiplay.it/video/2024/04/Geo-Puntata-del-12042024-06624b69-b1e2-4e7b-b848-098733f21a1a.html>

26th MARCH 2024: Guest on the "Geo" TV live program (RAI3, Italian television) to talk about behavioural differences between pure and hybrid wolves.

<https://www.raiplay.it/video/2024/03/Geo-Puntata-del-26032024-264a7ab4-a003-46e9-bdf3-d2267d431588.html>

22nd FEBRUARY 2024: Guest on the "Geo" TV live program (RAI3, Italian television) to talk about the study of facial expressions in human and non-human animals.

<https://www.raiplay.it/video/2024/02/Geo-Puntata-del-22022024-52cc539a-02c4-47cd-bb91-2190373dbfaa.html>

JANUARY 2024: Guest on the episode of the Sputi podcast, hosted by Barbascura X, discussing the behaviour of domestic animals.

<https://www.youtube.com/watch?v=ukfFiv3PFoI&t=3s&pp=ygUFc3B1dGk%3D>

4th NOVEMBER 2022: Speaker of the talk "Te lo leggo in faccia" at the "Focus Live 2022" event, Museo della Scienza e Tecnologia Leonardo da Vinci, Milan, Italy.

<https://www.youtube.com/watch?v=gwBxMFN8r1A&pp=ygUbdGUgbG8gbGVnZ28gaW4gZmFjY2lhIGZvY3V>
<https://live.focus.it/programma/alla-faccia/>

27th NOVEMBER 2019: Speaker of the seminar "Furbi come scimmie" as a part of the course "Il Museo di Storia Naturale tra Teoria e Pratica" at Natural History Museum, Calci, Pisa.

<https://www.msn.unipi.it/wp-content/uploads/2019/11/PROGRAMMA-IL-MUSEO-DI-STORIA-NATURALE-TRA-TEORIA-E-PRATICA-2019-2.pdf>

MAY 2020: Guest on the "Arca di Noè" TV program (Canale 5, Italian television) to talk about interspecific play between dogs and horses.

https://mediasetinfinity.mediaset.it/video/larcadinoe/compagni-di-gioco_F310154501022C04

DECEMBER 2019: Guest on the "Petrolio" TV program (RAI2, Italian television) to talk about the results of the impossible task in the Czechoslovakian Wolfdog.

<https://www.raiplay.it/video/2019/12/petrolio-algoritmo-di-natale-b7648bcb-e13f-45de-a6c4-d1a4138aed26.html>

Fieldwork experiences

MAY-JUNE 2024, Chimfunshi Wildlife Orphanage (Zambia): data collection and playback experiments with various colonies of semi-wild chimpanzees housed in the sanctuary.

SEPTEMBER 2023, Nantes (France): data collection on social behaviour in a colony of captive dolphins (*Tursiops truncatus*) at “Planete Sauvage” zoo.

MAY-JULY 2023, Makalali Private Game Reserve (South Africa): data collection on social behaviour in African Elephants (*Loxodonta africana*), Lions (*Panthera leo*) and Spotted hyenas (*Crocuta Crocuta*) at “Siyafunda Wildlife and Conservation”, in the Greater Makalali Game Reserve (Harmony, Limpopo, South Africa).

SEPTEMBER 2022, Nantes (France): training activities to students and data collection on a colony of captive rhesus macaques (*Macaca mulatta*) at “Planete Sauvage” zoo.

MARCH 2022, Nantes (France): training activities to students and data collection on a colony of captive Sumatran orangutangs (*Pongo abelii*) at the “La Boissière du-Dore” zoo.

FEBRUARY 2022, Nantes (France): training activities to students and data collection for the PhD project on Wolves (*Canis lupus arctos*) at “Planete Sauvage” zoo.

OCTOBER - NOVEMBER 2021, Spormaggiore (TN, Italy): training activities to students and data collection for the PhD project on Grey Wolves (*Canis lupus lupus*) at “Parco Faunistico Spormaggiore”.

JUNE 2019, München (Germany): training activities to students for a research project on Hamadryas baboons (*Papio hamadryas*) at “Hellabrunn Tierpark”.

Language skills

Mother tongue: Italian.

English language: Certificate “English for Research Purpose and Publication” (c1+ level) obtained in December 2021 at “Centro Linguistico Interdipartimentale”, University of Pisa, Pisa.

French language: school knowledge.

Informatic skills

Operating systems: Windows and Macintosh.

Email management and Web Browser: Chrome, Explorer, Firefox, Safari.

Excellent knowledge of the office package.

Excellent knowledge of SPSS software for performing statistical analysis (parametric and nonparametric statistics, LMM, GLMM).

Excellent knowledge of Audacity software for analyse audio tracks.

Excellent knowledge of PotPlayer, VLC media player software and its JumpToTime extension, and of the Kinovea software, all used for video analysis.

Excellent knowledge of the ImageJ software, to obtain precise measures from images.

Excellent knowledge of the R programming language and RStudio software (parametric and nonparametric tests, LMM, GLMM, cluster analyses, survival curves, Levenshtein Distance analyses, NetFACS).

Good knowledge of Adobe Photoshop software and Adobe Premiere software, used for post-production of photos and videos.

Good knowledge of QGIS software.

Good knowledge of the Wordpress platform for the creation and management of websites.

Management and organizational skills

Resilience and ability to work in difficult conditions. I developed this skills thanks to the fieldwork experiences, who taught me to react to stressful situations to get the most out of each day. I learned what “adaptability” means thanks to this experience, that helps me

building teamwork with colleagues by communicating to solve problems.

Living in extreme environments, such as bush savannah or forest, increased my self-awareness and helped me develop work organization skills, even under extreme condition.

Team spirit and ability to manage teamwork. I was able to develop these skills thanks to the fieldwork, to the work of drafting and correcting published scientific articles, and thanks to the experience of team working with the volunteers of the 'Life Choona' project promoted and funded by the European Union. Thanks to these experiences, I developed a constructive attitude and an excellent sense of adaptation to work in a team and achieve a common goal.

Other activities

Certified coder for DogFACS, ChimpFACS, MaqFACS and EquiFACS.

Scientist member of “Penne Amiche della scienza”, an initiative aimed at engaging young people in schools with the world of science through writing and communication. It involves a letter exchange between a scientist and the assigned class, where students ask questions about science and research, and the scientist helps them get closer to scientific thinking.
<https://sites.google.com/view/penne-amiche-della-scienza/scienziat%C9%99?authuser=0>

Member of “SHE IS A SCIENTIST APS” (<https://sheisascientist.com/>)

Member of the Association for the Study of Animal Behaviour (ASAB), Società Italiana di Etologia, Associazione Primatologi Italiani and Animal Behaviour Society.

APRIL 2018 – MAY 2020: volunteer of the Life "Choose Nature" project (Choo-na! LIFE16 ESC IT 002) for environmental protection and for the protection of the Kentish plover (*Charadrius alexandrinus*) on the Tuscan coasts by raising awareness of the population, interventions in schools and monitoring activities.

Founding member of the association “Selvatica APS”: an association of biologists, environmental hiking guides, naturalists and citizens who have decided to network their skills, knowledge and passions for the protection, conservation and enhancement of the natural environment. (<https://www.selvatica.eu/>)