

RICCARDO PANSINI

SUMMARY



I am a researcher active in the interdisciplinary field of '[Evolution of cooperation](#)'. After having worked in Italy, UK, France, South Africa and Turkey, I was lastly an assistant professor at the Kunming Institute of Zoology of the Chinese Academy of Sciences, and at the Yunnan University of Finance and Economics in China. I now work on the effect that human culture has in long term investments such as those related to climate change. I have [published](#) in i.e. PNAS, Scientific Reports, Frontiers in Public Health, Palgrave Communications, The Journal of Bioeconomics.

Since the years 2000, I have received over 20 [grants](#) for implementing projects in Europe, Africa and China totalling ~ 400,000 USD.

I have supervised a few students, taught science in high school classes, and I have taken part in more than 40 international [conferences](#). My behavioural and ecological work has got some [impact](#) easily understandable by the general public.

RESEARCH INTERESTS

- Behavioural Economics
- Evolution of Cooperation
- Evolutionary Biology
- Blockchains
- Epidemics

WORK EXPERIENCE AND ACADEMIA

- May 2020 - present** *Junto Innovation hub*, Modena, Italy **Scientific advisor**
Member of a non profit association advising technological startups in relation to science.
- Aug 2019 - present** *Institute of Eastern-Himalaya Biodiversity Research*, Dali Uni, China **Research affiliate**
Independent researcher working on the cultural effects and the social dilemmas to fight climate change to invest own resources for long term benefits.
- May 2019 - present** *Yunnan University of Finance and Economics*, Kunming, China **Researcher**
Researcher at the Behavioral and Experimental Economics Research Center. I do theoretical and experimental work in game theory, including computer-generated simulations and implementing blockchain theory to increase Cooperation and lower social dilemmas.
- Jun 2018 - present** *City University of Hong Kong, Global Research Unit*,
Department of Economics and Finance, Hong Kong **Research affiliate**
Affiliated member in behavioural economics.
- Dec 2017 - Jul 2018** *Chinese Academy of Sciences, Kunming Institute of Zoology*, China **Assistant professor**
Independent researcher in the lab of Prof. Douglas Yu as a continuation of my Evolution of cooperation and game theory experiments with Chinese subjects. I have been reviewing these former experiments so to produce simulations in social dilemmas emerging when we compare Asian collectivistic societies with Western individualistic cultures. A. I. algorithms (reinforcement learning) and an implementation with a blockchain paradigm were considered for this ongoing work.
- 2014-2017** *Kunming Institute of Zoology*, Chinese Academy of Sciences, China **Post-doc researcher**
Yunnan University of Finance and Economics, Kunming, China
Post-doc researcher with independently obtained funding in the labs of Prof. Rui-Wu Wang (Experimental and Theoretical Ecology Group) and Prof. Lei Shi (Behavioral and Experimental Economics Research Center). I studied the effect of culture and social norms within the Evolution of Cooperation of Chinese people, as opposed to cooperation strategies displayed by westerners. I acquired economic decision-making results from university students who participate in game theory experiments, such as Prisoner's Dilemma and Public Goods games. I have focussed on gender gap, socioeconomic segregation, and climate change.
- 2012-2014** *Cavazzi-Sorbelli Institute* Pavullo, Italy **High school science teacher**
Bahcesehir College, Edirne, Turkey
Employed as a science teacher, funded by a Comenius Assistantship grant from the European Community, to teach Biology in English in a secondary and high school.
- 2007-2011** *CNRS, DEPE, Éthologie évolutive*, Strasbourg, France **PhD in Evolutionary Biology**
Université de Strasbourg, École Doctorale Vie et Santé, Strasbourg, France and
University of South Africa, Applied Behavioural Ecology and Ecosystem Research Unit

PhD research with European funding on the economic behaviour of primate cooperation with Prof. Ronald Noë at the Loskop Dam Nature Reserve, South Africa. I investigated the sociology and biological market theories in vervet monkeys (*Chlorocebus aethiops*). Thesis title "Cooperation and economic behaviour of wild vervet monkeys: an experimental approach".

2008-2011 Anthropology Dept., University of Durham, UK **Honorary Research Associate**
Member of the Durham Evolutionary Anthropology Research Group. The position was conferred in acknowledgement of the publication work carried on as a result of my Master by Research.

2007-2011 European Doctoral College, Strasbourg, France European Multicultural Programme Certificate
As a funded member of the college, I attended a cycle of lectures organised in collaboration with the Council of Europe. Main themes of the programme were: (1) Knowledge of European institutions; (2) European cultures and societies; (3) European economy and future; and (4) European geopolitics.

2006 IAL Institute, Modena, Italy Taught Master in Environmental Management
Parco del Frignano, Italy
Graduated from a one-year taught master course. The main topics developed have been: land use and management, fauna protection, sustainable development, environmental certification (EMAS and ISO 14001), environmental communication, and health and safety. During the three summer months, I have been employed by the nature reserve Parco del Frignano where I did (1) surveying of local populations of wolves sedentary of an area (150 km²) of the mountain range Apennines (through methods of wolf howling, GIS analysis, faecal collection and strip transect), (2) working on the park's ISO 14001 certification, and (3) updating the database of mountain paths (through the use of geographical software GIS ArcView). Thesis title "*La Gestione della Fauna Protetta in una Riserva Naturale: procedure di SGA per la gestione del lupo nel Parco Regionale dell'Alto Appennino Modenese*".

2005-2006 University of Durham, Anthropology Dept., UK **Master by Research in Biological Anthropology**
Chester Zoo, U.K.
Graduated from a Master by Research to study captive primate animal stress with the primatologist Dr Jan de Ruiter. The title of the thesis was 'Assessing Animal Welfare in a Captive Primate: an analysis of stress related behaviour in Mandrillus sphinx'. This study has been able to show a highly significant correlation between large affluence of visitors at the zoo and visitor-directed aggressive behaviours and stereotypes performed by a group of mandrills. In addition, one mandrill was observed performing tool manufacture for hygienic purposes. Following the results obtained, Chester Zoo acknowledged the necessity of a permanent modification of the enclosure that was completed in July 2005. A UFAW award was subsequently awarded to this innovation, and the media gave some resonance to this: BBC, Reuters, Metro, ScienceDaily, etc. From 2008 I became a member of the Durham Evolutionary Anthropology Research Group as Honorary research associate.

2003-2004 Università degli studi di Modena e Reggio Emilia, Italy **Laurea in Biological Sciences** ≈ **Taught MSc**
Graduated from the final year of the Biological Sciences five-year course with emphasis on Ecology. The degree is internationally equivalent to a taught MSc in Biology and Ecology. Thesis' title "*Evoluzione sociale dei parassiti della malaria: la natura della competizione intra-ospite*."

2003 Institute of Cell, Animal and Population Biology, Edinburgh University, U.K. *Laboratory assistant*
Thanks to a particularly successful undergraduate thesis project, I was extended my stay in the lab, this time with a short contract, to carry out supplemental analyses on malaria infections with supervision from Dr J. de Roode, and Prof A. Read.

2001-2003 University of Edinburgh, Scotland, UK **Bachelor in Biological Sciences, Zoology Honours**
My calling towards Zoology within the Biology area prompted me to transfer from my Italian university to attend the Zoology Honours programme in Edinburgh. The Zoology subjects have significantly widened my biological knowledge from a vocabulary of English scientific terms to personal and critical appreciation of research papers, from assessing simple tutorial problems to my final year project. The latter, undertaken in one of the most advanced laboratories in the field (Read Group), concerned the study of the ecology of mixed infections of malaria parasites (*Plasmodium chabaudi*) in mice. Using molecular PCR protocols and GLM statistics, different strains of parasites sensitive and non-sensitive to drugs were tracked throughout the infections. In Edinburgh, my practical skills considerably developed, conferring me the necessary bases to work in a research environment. The thesis project (titled "*Social evolution of malaria parasites: the nature of in-host competition*") was eventually part of a publication in PNAS.

2000-2001 University of Ulster, Northern Ireland, UK **Biological Sciences**
Socrates-Erasmus exchange student from Italy. Attended an intensive program leading to the full academic recognition of 7 biological exams from the third- and fourth-year program in Biology.

1997-2001 Università degli studi di Modena e Reggio Emilia, Italy **Scienze Biologiche**
I enrolled at the first three years of an extensive five-year degree in Biological Science which I completed in 2004.

MEDIAS

- 2020** Correlation between air pollution and COVID-19 in eight countries. News Medical report. A video explanation.
- 2020** Individualism and collectivism with COVID-19. Diversity atlas report.
- 2016** Chinese gender gap. A news report.
- 2011** Cooperation behaviour and hierarchy of wild vervet monkeys. A talk I gave of it.
- 2011** Mandrill tool use: BBC, The Telegraph, Daily Mail, El Mundo, Folha, etc. And listen BBC radio 4.
- 2006** Zoo mandrills' animal welfare: BBC, Reuters, Metro, ScienceDaily.

PUBLICATIONS (with PDFs!) (Google scholar profile)

Journalism:

(2020) in [Medium.com](#) Chinese collectivism and Western individualism at the time of the coronavirus outbreak. In the [news](#).

(2018) in [Medium.com](#) The next major transition in Evolution of human Cooperation: the blockchains.

Scientific articles:

Li LL, He R, **Pansini R**, Quan RC. (2022) Prolonged proximity to humans ensures better performance of semi-captive Asian elephants at discriminating between human individuals by voice. *Front. Ecol. Evol.* **820** DOI: [10.3389/fevo.2022.963052](#)

Pansini R & Shi L. (2022) COVID-19, air pollution and One Health at the climate change turning point In *Air Quality and Health* edited by A E Onal IntechOpen ISBN 978-1-80355-694-9 DOI: [10.5772/intechopen.102943](#)

Chen X, Dessi R, **Pansini R** & Zhao X. (authors in alphabetical order, in prep. for an econ j) Status and hierarchy: field evidence from vervet monkeys. [SSRN 4027822](#)

Liu Y, Geng Y, Du C, Hu K, Shen C, **Pansini R**, Shi L. (2021) The interface of unidirectional rewards: enhanced cooperation within interdependent networks. *Applied Mathematics and Computation* **402** 126151 DOI: [10.1016/j.amc.2021.126151](#) PDF

Pansini R & Fornacca, D. (2021) COVID-19 higher mortality in Chinese regions with chronic exposure to lower air quality. *Frontiers in Public Health*. DOI: [10.3389/fpubh.2020.597753](#). A press [release](#) in Chinese.

Pansini R & Fornacca, D. (2021) Early spread of COVID-19 in the air-polluted regions of eight severely affected countries. *Atmosphere* **12**(6), 795. DOI: [10.3390/atmos12060795](#). A news [report](#). A YouTube [video explanation](#).

Pansini R, Kesberg R. & Shi L. (in prep.) Attainment of future carbon sequestration to curb climate change in the Chinese collectivist society.

Yang Y, Pu T, **Pansini R**, Huang Z, Jia T, Liu L, Li Y, Xiao W. (not submitted) Social transmission of lichenivory feeding tradition in captive Yunnan snub-nosed monkeys: foraging decisions, adaptive radiation and conservation implications. PDF

Pansini R, Campenni, M & Shi, L. (2020) Segregating socioeconomic classes leads to an unequal redistribution of wealth. *Palgrave Communication* DOI: [10.1057/s41599-020-0419-2](#)

Pansini R, Shi L, Wang RW. (2016) Women tend to defect in a social dilemma game in Southwest China. *PLOS ONE* DOI: [10.1371/journal.pone.0166101](#) PDF. A news [report](#).

Gao L, Wang Z, **Pansini R**, Li YT, Wang RW. (2015) Collective punishment is more effective than collective reward for promoting Cooperation. *Scientific Reports* DOI: [10.1038/srep1775217752](#) PDF.

Pansini R. (2012) Hierarchical societies of primates: comments on love, war and cultures. *Journal of Bioeconomics* DOI: [10.1007/s10818-012-9138-0](#) PDE.

Pansini R. (2011) Induced Cooperation to access a sharable reward increases the hierarchical segregation of wild vervet monkeys. *PLoS ONE* DOI: [10.1371/journal.pone.0021993](#) PDF. A [talk](#) I gave of it.

Pansini R & de Ruiter JR. (2011) Observation of tool use and modification for apparent hygiene purposes in a mandrill. *Behavioural Processes* DOI: [10.1016/j.beproc.2011.06.003](#) PDF.

In the news: [BBC](#), [The Telegraph](#), [Daily Mail](#), [El Mundo](#), [Folha](#), etc. (see a [press review in PDF](#)). And at the radio: [BBC radio 4](#).

de Roode JC, **Pansini R**, Cheesman SJ, Helinski MEH, Bell AS, Chan BHK, Walliker D & Read A.F. (2005) Virulence and competitive ability in genetically diverse malaria infections. *PNAS* **102**(21):7624-7628 PDF.

Conference proceedings:

Pansini R. (2011) Cooperation Behaviour of Wild Vervet Monkeys Follows the Law of Supply and Demand. *Folia Primatologica* **82**(6): 370. DOI: [10.1159/000337909](#) PDF.

Pansini R & Noë R. (2009) Economics and cooperation dynamics in free-ranging vervet monkeys. *Folia Primatologica* **80**(6):376. DOI: [10.1159/000265602](#) PDF.

Pansini R & Noë R. (2008) Cooperation between members of two artificially formed trader classes in free-ranging vervet monkeys. *Primate Eye* **96**(Sp CD-ROM iss - IPS 2008), abst #114

Pansini R & de Ruiter JR (2008) Assessing animal welfare in a captive primate: an analysis of stress related behaviour in Mandrillus sphinx. *Primate Eye* **96**(Sp CD-ROM iss - IPS 2008), abst #256

Published theses:

Pansini R. (2011) *Cooperation and Economics Behaviour of Wild Vervet Monkeys: an experimental approach*. Université de Strasbourg and CNRS, France. PDF.

Pansini R. (2006) *La Gestione della Fauna Protetta in una Riserva Naturale: procedure di SGA per la gestione del lupo nel Parco Regionale dell'Alto Appennino Modenese*. IAL Institute, Modena, Italy.

Pansini R. (2006) *Assessing Animal Welfare in a Captive Primate: an analysis of stress related behaviour in Mandrillus sphinx*. University of Durham, UK. [PDF](#).

In the news: *BBC*, *Reuters*, *Metro*, *ScienceDaily*, etc.

Pansini R. (2003) *Social Evolution of Malaria Parasites: the nature of in-host competition*. University of Edinburgh, U.K. [PDF](#).

University course manuals:

Pansini R. (2005) *Introductory photography and video recording: effective data collection in the field*. Anthropology Dept., University of Durham, UK.

Pansini R. (2005) *Fractals: a guide for understanding fractal theory and analysis*. Anthropology Dept., University of Durham, UK.

GRANTS AND AWARDS

- 2020-2022** [Sixth Tone magazine fellowship](#) for a project titled "Climate change reduction in rural, collectivistic Yunnan". (1 person, P.I. – still not used because of COVID-19 pandemic).
- 2018** [Microsoft Artificial Intelligence for Earth grant](#) to use A.I. simulations in MS Azure to model social dilemma data related to climate change with reinforcement learning (58fc59d8-3bdd-40f6-858e-ca39250d6ea9) (US\$5,000) (1 person, P.I.).
- 2015-2017** National Science Foundation of China, Young Scholar research expenses fund for the project "Cultural differences in cooperation strategies between eastern and western societies" (31450110421) (200,000 RMB) (1 person, P.I.).
- 2015-2016** Chinese Academy of Science, President's International Fellowship Initiative for Young International Scientists (3141101218) (416,000 RMB) (1 person, P.I.).
- 2015-2016** Yunnan Province postdoctoral training-oriented grant (100,000 RMB) (1 person, P.I.).
- 2014-2015** 56th batch of [China Postdoctoral Science Foundation](#) research expenses fund (2014M562350) (1102090001) (50,000 RMB) (1 person, P.I.).
- 2014-2015** Postdoctoral career development fund from the Kunming Institute of Zoology and Yunnan University of Finance and Economics (120,000 RMB) (1 person, P.I.).
- 2014** [IIASA](#) Austrian bursary to take part in a [conference](#) on Evolution of Cooperation in Beijing, China.
- 2013-2014** [Comenius programme](#) (2013-1-IT2-COM04-51604) from the Lifelong Learning Programme of the European Commission (€7,310) (1 person, P.I.).
- 2010** [Società Italiana di Etologia](#) conference allowance (€100).
- 2010** [European Doctoral College bridge scholarship](#) – 6 months' PhD salary (€8,400) (1 person, P.I.).
- 2010** [TECT bursary](#) to attend the program's final conference in Budapest, Hungary.
- 2010** [INCORE bursary](#) to attend the summer school in Dobogoko, Hungary.
- 2007-2009** PhD salary and research expenses paid by [GEBACO](#) - toward the GENetic BASIS of COoperation (FP6-2004-NEST-PATH 028696), an FP6 grant from the European Commission (€203,990) (5 people, not P.I.).
- 2008** [INCORE bursary](#) to attend a NYAS conference in Barcelona, Spain.
- 2008** [INCORE bursary](#) to attend a summer school in Obernai, France.
- 2008** International Primatological Society [Conservation grant](#) for a conservation project on wild vervet monkeys (US\$1,440) (1 person, P.I.).
- 2007-2008** Selected for a scientific research grant from the French government and the Italian Foreigner Ministry (€6,900).
- 2007** Commendation certificate in the Best Research Project section of [BLAZA 2007 awards](#).
- 2007** [UFAW Wild Animal Welfare Award 2007](#) for the best innovations for zoo animal welfare (£1,000 to Chester Zoo)
- 2005** [Leonardo da Vinci Programme](#) (I-O3-A-PL-154353) from the European Commission (€3,025) (1 person, P.I.).
- 2004-2005** [Ustinov College Accommodation Grant](#), University of Durham, UK (£3,600) (1 person, P.I.).
- 2001-2003** [Tuition Fees Grant](#) from the [Student Awards Agency for Scotland](#), UK (£2,150) (1 person, P.I.).
- 2000-2001** [Socrates-Erasmus Grant](#) from the Lifelong Learning Programme of the European Commission (Lit1,800,000) (1 person, P.I.).

SKILLS

Languages (CEFRL level): *Italian* native speaker; *English* fluent (C2); *French* intermediate (B1); *Chinese* basic (A1).

Communication: The decision to study for several undergraduate and postgraduate degrees in foreign countries has greatly improved my communication abilities, not only at the level of learning new languages (English, French and some Chinese), but also for improving my oral and written scientific knowledge. Scientific presentations both at a departmental and conference level have improved my ability to stand up and talk to groups of people. I gave over a dozen talks in English at international conferences. The recent experience at a French university has developed my capacity to communicate science in French both to biologists and the general public. The jobs as a biology teacher at an Italian and at a Turkish school have contributed to improving my ability to simplify scientific topics to be taught to young students.

From 2003 and in several turns, I have led the application of Marie Curie proposals for the **funding** of scientific projects, personally putting together teams of principal investigators based in several European universities and research institutes. From there on, I was successful in grant applications, including a major EU FP6 which employed me in Strasbourg, France for 4 years at the CNRS. I was selected amongst 50 candidates for such PhD position.

On the artistic side, I have been involved in photography, one of my passions. I have been a committee member of the [Edinburgh University Photographic Society](#) (2002-2003). In 2009 I published a photo **book** titled *Portraits of Denilton, South Africa* available at [Blurb](#). As a result in 2010 I have had a **photographic exhibition** titled *Township - South Africa: portraits of Dennilton* at the Espace Insight, Strasbourg, France, 30 June - 28 August, which was advertised in the newspaper [20 minutes](#). In the same year, I had some photos with a title *Portraits de singe* at the [Fête de la Science](#), Illkirch-Graffenstaden, France.

I.T.: Computer experience of over 20 years based on **O.S.** Windows 95/98/2000/XP/Vista/7 and some Linux Ubuntu. I have extensive knowledge of the **Office** package, in particular Word, Excel, and PowerPoint. Extensive use of **statistical** software like Minitab, SPSS and some R, Matlab and Mathematica. Basic knowledge of **GIS software** ESRI ArcGIS and ArcPad. Frequent searching of scientific literature through the Web of Science, Google Scholar, PubMed and archiving of papers with EndNote and Mendeley Desktop. Three years' experience with Noldus The Observer and Pendragon Forms for **ethological data collection** in the field with W.M. Pocket P.C.'s. Use of social **network analysis** software, namely SOCPROG for Matlab and Gephi. Use of z-Tree and within Wechat for **behavioural economics** experiment software. I have intermediary knowledge of **graphic** software (Photoshop), **video editing** (Adobe Premiere Pro) and of **web site** production (Adobe Dreamweaver). Deep insights into Adobe Lightroom for **photography**.

Statistical models: multilevel linear models, Generalised Linear Models, fractal analysis of behaviour. Social Network Analysis. Game theory models. Basics of Agent-Based Modelling. Basics of A.I. simulations related to behavioural analysis.

Student supervision and teaching: At a **scholastic** level, between the end of 2012 and beginning of 2014, I have been teaching in both middle and high schools, being responsible for the biology teaching programme of 8 high school classes (15-16 years old Italian students) and 6 secondary school classes (10-11 years old Turkish students).

At a **university** level, I offer training and welcome undergraduates and postgraduates as assistants in the field, in the laboratory and for statistical analyses. Beside general evolutionary biology and primatology, I can teach some data analysis methods. Specifically, I can teach network analysis, presently so useful to describe social groups of animals, and I can start teaching basics of game theory under an evolutionary perspective. In fact, I based my PhD and post-doc on both these aspects to explain Evolution of Cooperation in both humans and monkeys. I have some experience in preparing **coursework** at British universities. In 2005 at the University of Durham, I prepared the coursework of one module to train anthropologists to collect data in the field. It was titled "Introductory photography and video recording: effective data collection in the field." The same year I also prepared the coursework of another module titled "Fractals: a guide for understanding fractal theory and analysis." In 2005, I **supervised** (at 20%) Miss M. Hargreaves with her undergraduate final year anthropology project at the University of Durham. In 2007, I supervised (at 70%) Miss Yaëlle Bouquet, from Neuchatel University, Switzerland, with her MSc in Biology both in South Africa with fieldwork and in Switzerland for her thesis preparation. In 2008, I supervised Miss Laura Walther (at 70%) from Basel University and Miss Josephine Hula (at 30%) from Zurich University, Switzerland, with their MSc and fieldwork in South Africa. In 2009, it was the time of Mr Michele Mignini and Misses Emilie and Virginia Tournier who assisted me with fieldwork still in South Africa (without any theses to be published by them). In 2014-2015, I supervised Ma Bo and Zhou Zhi Peng in their Economy and Statistics Master project. In 2015 I supervised Rebekka Kesberg as an assistant for implementing experiments in the behavioural economics laboratory in Kunming, China.

Scientific techniques: I am familiar with and have used the following **lab** techniques/procedures: Real-time quantitative PCR, red blood cells staining and counting (flow cytometry), making agar plates, and light microscopy. Performed EnzymeImmunoAssays for extraction of hormones from faecal samples of primates.

Ethological methodologies: focal animal sampling, scan sampling (see software above), use of video camera, fractal analysis of behaviour. **Ecological:** surveying of wolves (wolf howling), faecal samples collection in the field, strip transect. I have experience handling birds and small mammals.

I have some knowledge of mechanics and **electronics** which served during the actuation of my PhD experiments. I built from scratch automated boxes that served as feeders given to the monkeys involved in the feeding experiments. I designed these devices from portable and light containers which hosted an activation system (radio-controlled and activated by incorporated push/pull levers) of engines and brushes for the serial release of food.

Financial experience: Having traded stocks, funds and cryptocurrencies since 1995. Basics of technical analysis, especially related to Italian/American/Chinese trading of stocks and funds, and trading cryptocurrencies. Active in analysing companies' fundamentals and up to date with the stock markets and sentiments through various platforms like Tradingview. Using several Crypto exchanges like Binance, and using a bot with an A.I. algorithm.

CONFERENCES, TALKS AND SUMMER SCHOOLS

23 Oct 2021: **Talk** with X. Chen, R. Dessi & X. Zhao titled *Status and hierarchy: field evidence from vervet monkeys* at the 2021 Conference of Experimental Economics at Beijing Normal University.

20-22 Oct 2021: **Talk** with X. Chen, R. Dessi & X. Zhao titled *Status and hierarchy: field evidence from vervet monkeys* at the 26th Latin American and Caribbean Economic Association and Latin American Meeting of the Econometric Society (virtual).

11-15 Oct 2021: UN Biodiversity Conference (COP-15) in Kunming, China (virtual).

10-12 Sep 2020: **Selected talk** with X. Chen, R. Dessi & X. Zhao titled *The impact of injected social power: field evidence from vervet monkeys* at the Economic Science Association Global Online Conference.

24-27 Aug 2020: **Poster** titled *Higher incidence of COVID-19 in the air-polluted regions of 8 severely affected countries* at the 32nd Virtual Conference of the International Society for Environmental Epidemiology.

5 Jul 2019: **Talk** titled *Restoring people's trust for environmental protection: cultural effects of collectivism heading for a transhumanist society* at the Institute of Eastern-Himalaya Biodiversity Research, Dali University, Dali, Yunnan, China.

20 Jun 2019: **General public talk** titled *Blockchain governance: inducing trust between people and intelligent machines. The interface between Chinese collective behaviour and environmental sustainability* at the International Maker Center, Huaqiang Bei, Shenzhen, China.

20-24 May 2019: **Selected talk** titled *Chinese subjects with collectivistic values invest funds for climate change* at the 1st International Conference on Asia Pacific Ethnology and Anthropology (ICAPEA) conference at Yunnan University, Kunming, China.

19 Feb 2019: **Seminar** titled *Chinese subjects with collectivistic values effectively invest funds in a Public Good Game for curbing climate change* at the course Sustainable Resource Economics and Policy of the Department of Economics, University of Bologna, Italy.

11-12 Jun 2018: **Selected talk** titled *Attainment of future carbon sequestration via a climate game in the Chinese collectivistic society* at the China Greater Bay Area Experimental Economics Workshop 2018, City University of Hong Kong, Hong Kong.

8 Jun 2018: **Invited seminar** titled *Evolution of cooperation and cultural effects between Westerners and Southwest Chinese people* at the Department of Management and Economics, South China Normal University, Canton, Guangdong, China.

22-23 May 2018: **Talks** titled Follow up experiments on Evolution of Cooperation in Kunming at the Institute of Eastern-Himalaya Biodiversity Research, Dali University, Dali, Yunnan, China.

27-30 Oct 2017: Participation in the Thirteenth Conference of the National Wildlife Ecology and Resource Protection at Sichuan University, Chengdu, Sichuan Province, China.

16-18 Feb 2017: **Selected talk** titled *Chinese subjects get ahead at the climate game collectively* at the 2017 Asia-Pacific Economic Science Association Conference, National Taiwan University, Taipei, Taiwan.

8 Feb 2017: **Seminar** on socioeconomic class segregation and dominance in non-human and human primates given at the Institute of Advanced Studies, Toulouse School of Economics, France.

16-18 Dec 2016: **Selected talk** titled *Chinese subjects cooperate effectively to mitigate climate change* at the 6th International Workshop on Experimental Economics, Wang Yanan Institute for Studies in Economics, Xiamen University, China.

2 Dec 2016: **Invited seminar** titled *Skewed Cooperation in primates* at the College of Life Sciences, Northwest University, Xian, Shaanxi, China.

24 Nov 2016: **Invited seminar** titled *The effect of asymmetries on cooperation decision making in non-human and human primates* at the Department of Anthropology, Sun Yat Sen University, Canton, Guangdong, China.

18-20 Oct 2016: Participation to the 5th Asian Primate Symposium on Evolutionary history and conservation of Asian primates at the University of Sri Jayewardenepura, Colombo, Sri Lanka.

7-9 Sep 2016: **Talk** titled *High cooperation levels in a PGG by Chinese subjects to mitigate climate changes* at the Japanese Society for Mathematical Biology annual conference, Fukuoka, Japan.

7-11 Jul 2016: **Selected talk** titled *The economic integration of richer and poorer social classes in relation to punishment leads to a redistribution of wealth* at the Economic Science Association world conference, Jerusalem, Israel.

20 May 2016: **Invited seminar** titled *Experiments on the Evolution of Cooperation in Kunming, P. R. of China: Gender gap, socioeconomic classes' divergences, and climate change* at the Department of Economics, College of Social Sciences, National Taiwan University, Taipei, Taiwan.

12 Jan 2016: **Invited general public talk** in Italian titled *La Cina di oggi e le sue sorprese: disuguaglianze di genere, classi sociali e cambiamenti climatici* at the cycle of talks organised by Prof Anna Setti on "Art and culture of Modena people", Modena, Italy.

22-28 Jun 2015: **Selected talk** titled *Segregating social classes leads to an unequal distribution of wealth* at the International Sunbelt Social Network Conference, Brighton, UK.

23 Mar 2015: **Talk** titled Cooperative strategies shown by non-human and human primates at the Institute of Eastern-Himalaya Biodiversity Research, Dali University, Dali, Yunnan, China.

5 Feb 2015: **Invited general public talk** titled *Cooperative strategies shown by Chinese people* at the Chinese-English Old Style Private School, Kunming, Yunnan, China.

15-16 Jan 2015: Participation in the conference "Cognitive control and social decision making" at the Institute for Advanced Study in Toulouse and the Toulouse School of Economics, Toulouse, France.

12 Jan 2015: **Invited talk** titled Cooperative strategies shown by different genders and different economic classes: two unusual behavioural economics' experiments implemented on the Chinese conservative society at the Istituto Superiore di Sanità (National Health Institute), Rome, Italy.

8-11 Apr 2014: **Invited talk** titled Cooperation in wild vervet monkeys: partner choice strategy displayed during an experiment implementing the matching market design at the conference "Evolution of Cooperation" organised by the Sino-German Center for Research Promotion, Beijing, China. The video of it.

10 Oct 2013: **Invited seminar** within the cycle of DPZ-colloquia organised by the German Primate Center titled An experiment of food sharing in wild vervet monkeys: dominance effects and economics of cooperative behaviour, Göttingen, Germany.

22 Apr 2013: Participation in the conference "New frontiers in social neuroscience" at the IPSEN Foundation, Paris, France.

17-22 Jun 2012: **Selected talk** titled *Premoral conventions are apparently not followed by wild vervet monkeys when induced to cooperate over a shareable reward* at the workshop "The evolution of morality: the biology and philosophy of human conscience", Ettore Majorana Centre, Erice, Sicily, Italy.

16 Feb 2012: **Invited talk** titled *Cooperation behaviour of vervet monkeys: an experimental approach* to the Institute of Cognitive & Evolutionary Anthropology, University of Oxford, U.K.

7 Feb 2012: **Invited general public talk** in Italian titled *I meccanismi della cooperazione e dell'amicizia come fenomeno sociale nell'uomo e altre specie* at the cycle of talks organised by Prof Anna Setti on "Art and culture of Modena people", Modena, Italy.

6-9 Dec 2011: Participation at the Göttinger Freilandtage titled "Behavioral Constraints and Flexibility" held at the German Primate Centre, Göttingen, Germany.

14-17 Sep 2011: **Talk** titled *Cooperation behaviour of wild vervet monkeys follows the law of supply and demand* at the IV Congress of the European Federation for Primatology, Almada, Portugal.

17-20 Apr 2011: **Talk** titled *The need of cooperation partners induces wild vervet monkeys to act according to supply and demand* at the conference "Social Decision Making, bridging Economics and Biology," at Monte Verità, Ascona, Switzerland.

17-18 Sep 2010: Participation in the INCORE conference "Cooperation: an Interdisciplinary Dialogue", Collegium Budapest, Budapest, Hungary.

15-17 Sep 2010: Participation to the TECT (The Evolution of Cooperation and Trading) final conference, Collegium Budapest, Budapest, Hungary.

11-15 Sep 2010: Participation in the TECT-INCORE Summer School titled *Cooperation since life began*, Dobogókő, Hungary. Given a **talk** titled "A cooperation experiment with wild vervet monkeys – cooperation at its onset".

16-18 Jul 2010: **Talk** titled *Increase in social differentiation in wild vervet monkeys cooperating experimentally* given at the Fifth European Conference on Behavioural Biology, Ferrara, Italy.

10-13 Dec 2009: **Talk** titled *Economics and cooperation dynamics in free-ranging vervet monkeys* given at the Darwin Bicentenary conference titled "Evolution: intersecting natural and social sciences", Scuola Superiore Santa Chiara, Università di Siena, Siena, Italy.

26-27 Jun 2009: **Talk** titled *Economics and cooperation dynamics in free-ranging vervet monkeys* given at the PEGG Primate Ecology and Genetics Group, The South African Primatology Association Annual Meeting, National Zoological Park, Pretoria, South Africa.

20-22 Apr 2009: Participation to the PhD school titled "Social Interaction" held at the Université de Neuchâtel, Neuchâtel, Switzerland.

26-28 Feb 2009: Participation to the INCORE meeting titled "Feathered apes meet furry crows – a comparison of cooperation in corvids and primates" in Strasbourg, France.

20-23 Nov 2008: Meeting of the EUROCORES program TECT, INCORE EU FP6 grant, and NYAS conference titled "Values and Empathy across Social Barriers: A Neurocognitive Approach to Fairness", Barcelona, Spain.

12 Nov 2008: **Invited talk** titled *Economics and Cooperation dynamics in free-ranging vervet monkeys*, at Department of Zoology of the Università di Modena e Reggio Emilia, Modena, Italy.

30 Aug – 6 Sep 2008: Participation to the TECT-INCORE summer school titled *Tools of the trade in cooperation research*, Obernai, France. Given a **talk** titled *Competition between malaria parasites and Cooperation between members of two trader classes of vervet monkeys*.

4-9 Aug 2008: **Selected talk** titled *Cooperation between members of two artificially formed trader classes in free-ranging vervet monkeys* and **poster** titled *Assessing Animal Welfare in a Captive Primate: an analysis of stress related behaviour in Mandrillus sphinx* presented at the International Primatological Society conference 2008 in Edinburgh, Scotland, UK.

21-22 Jun 2008: Attendance of the conference organised by the Primate Ecology and Genetics Group of South Africa, Crystal Springs, South Africa.

18 Feb 2008: **Poster** titled *Observation of tool use and modification for hygiene purposes in the mandrill* shown at the conference "The Neurobiology of Umwelt", IPSEN Foundation, Paris, France.

25 May 2007: **Invited seminar** titled *Biological Markets* presented to the PhD school at the Dipartimento di Economia Politica of Università di Siena, Siena, Italy.

16-18 May 2007: Attendance of the XVIII Associazione Italiana di Primatologia Conference, hosted by the Università di Pisa, Calci, Italy.

30 Mar 2007: **Invited talk** titled *Moving from Competition in Protozoa to Cooperation into Primates: a lesson for behavioural ecologists from the parasite world* given at Institut de Biologie, Université de Neuchâtel, Neuchâtel, Switzerland.

22-25 Feb 2007: **Poster** titled *Observation of tool use and modification for hygiene purposes in the mandrill* shown at the conference "Social Organization and Cognitive Tools: General Patterns in Vertebrates?" Konrad Lorenz Forschungsstelle, Grünau, Austria.

18-22 Sep 2006: **Poster** titled *Observation of tool manufacture for hygiene purposes in the mandrill (Mandrillus sphinx)* shown at the XXII national conference of the Italian Society of Ethology (Società Italiana di Etologia, SIE), Università di Palermo, Erice, Sicily, Italy.

12 Nov 2005: Organised the meeting "The LEMUR project" for the submission of a Marie Curie proposal with five European research institutes, Hotel Coronado, Zurich, Switzerland.