

CURRICULUM VITAE

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CURRENT POSITION

August 2007 - present **Postdoctoral Research Fellow**
Visual Attention Laboratory
Harvard Medical School / Brigham and Women's Hospital

EDUCATION

December 2006 **Ph.D. in Perception and Psychophysics**
Department of General Psychology, University of Padova, Italy
- supervisor: Prof. Elisabetta Xausa
- external supervisors: Prof. Marc Le Menestrel and Prof. Zoltan Dienes

June 2003 **European Master in Mathematical Psychology**
University of Padova, Italy
University of Amsterdam, The Netherlands
- supervisors: Prof. Francesca Cristante and Prof. Peter Wakker

July 2002 **Specialisation in Cultural and Social Anthropology**
University of Padova, Italy
- chair: Prof. Antonio Marazzi

June 2001 **B.Sc. in Experimental Psychology**
University of Padova, Italy
- result: 110/110 cum laude
- final dissertation: IOR in complex discrimination tasks
- supervisors: Prof. Carlo Arrigo Umiltà, Dott. Giovanni Galfano and Dott. Elena Rusconi

July 1994 **Senior Secondary School Leaving Certificate in Scientific School**
Liceo Scientifico Annibale Calini, Brescia, Italy
- specialisation in Physics, Mathematics, Natural Sciences and Informatics
- final dissertation: The decadent hero

FURTHER EDUCATION

August 2004	3 rd International summer school: Causality, uncertainty, and ignorance, University of Konstanz, Germany.
July 2004	3 rd International school: Topics in nonlinear dynamics, Faculty of Economics, University of Urbino, Italy. Discrete dynamical systems and applications.
September 2003	Summer course: Paradigmatic models for the social sciences, Politecnico di Milano, University of Milano, Italy.

HONOURS & AWARDS

2006	Marie Curie fellowship, Sussex University, Brighton, UK.
2005	Marie Curie fellowship, Universitat Pompeu Fabra, Barcelona, Spain
2003	University of Padova scholarship.
1999	European community scholarship.
1994	Olympiads of Mathematics, Scuola Normale Superiore di Pisa, Italy. Regional winner.
1993	Olympiads of Mathematics, Scuola Normale Superiore di Pisa, Italy. Regional winner.

RESEARCH INTERESTS

- Decision theory, Game theory, Nonlinear dynamical systems.
- Perceptual decisions.

ONGOING PROJECTS

- Perceptual multistability in dynamical ambiguous figures and Synergetics.
- Movement indicators in static paintings: graphic invariants in art across centuries.
- Influence of non-enforced rules on sharing behaviour in small groups: trade-off between monetary interest and fairness considerations.
- Testing Damasio's Somatic Marker Hypothesis in an Implicit learning task.
- Influence of the Tit For Tat strategy on cooperation in real groups playing iterated Prisoner's Dilemma Games.
- Stereotype threat and Challenge/Threat physiological patterns.

SKILLS

Computer

Windows, Microsoft Office, Excel, SPSS, Stata, E-Prime, zTree, Turbo Pascal.

Languages

Italian – native
English – fluent
Spanish – fluent
Dutch – advanced

TEACHING

University of Padova, Faculty of Medicine

Substitute professor, 1 semester of Social statistics.

Substitute professor, 1 semester of Statistics.

Substitute professor, 2 semesters of Psychometrics.

University of Padova, Faculty of Psychology

Teaching assistant, 1 semester of Environmental psychology.

ACADEMIC COLLABORATIONS

April 2006 – present

Department of Economics

Universitat Pompeu Fabra, Barcelona, Spain

Continuation of previous studies in Barcelona.

August 2005 – March 2006

Department of Psychology

Sussex University, Brighton, UK

Collaboration with Prof. Zoltan Dienes on a project investigating the role of conscious vs. unconscious processes in human decision-making.

February – July 2005

Department of Economics

Universitat Pompeu Fabra, Barcelona, Spain

Collaboration with Prof. Marc Le Menestrel and Prof. Rosemarie Nagel on a project investigating the trade-off between fairness considerations and monetary interest in small groups.

March – September 2002

Department of Biology – Division of Human Genetics

University of Padova, Italy

Collaboration with Prof. Maria Luisa Mostacciolo and her group on a project investigating the role of gene 22 in Bipolar Disorder and Major Depression.

September 2001 – March 2002

Department of Development and Socialization Psychology

University of Padova, Italy

Collaboration with Prof. Anne Maass and Prof. Mara Cadinu on: 1) project studying under-performance of women in mathematical tests and driving simulation when stigmatised; 2) project assessing the architectural plan of a student house to be built for the University of Padova and its appropriateness for socialisation among students.

January 2000 – June 2001

Department of General Psychology

University of Padova, Italy

Collaboration with Prof. Carlo Arrigo Umiltà, Elena Rusconi and Giovanni Galfano on a project studying the role of IOR on complex discrimination tasks.

March – September 1999

Department of Experimental Psychology

University of Gent, Belgium

Collaboration with Prof. Hans Vandierendonk on a project studying subliminal visual priming and its time duration.

APPLIED RESEARCH & WORKING EXPERIENCE

- June – September 1999 **Censydiam Belgium NV, Antwerpen, Belgium**
Marketing researcher: responsible for the Italian section of the European brand image assessment of Coca-Cola Company.
- September 2001 – December 2002 **Ospedale dei Colli, Padova, Italy**
Phenomenological group therapy with psychotic patients.

CONFERENCES & MEETINGS

- June 2006 Workshop: Emotional and cognitive aspects in clinical and economic decisions
University of Trento, Italy.
- September 2005 36th European mathematical psychology group meeting
University of Padova, Italy.
- August 2005 11th International conference on social dilemmas
Krakow, Poland. Organised by Warsaw University.
- April 2005 International meeting on formal modelling
Karl-Franzens-Universität Graz, Austria.
- April 2004 International meeting on formal modelling
Universidad Complutense of Madrid, Spain.
- March 2003 International meeting on formal modelling
University of Debrecen, Hungary.
- May 2002 3rd International meeting on del(22q11.2)
Bambino Gesù Paediatric Hospital, Rome, Italy.

OTHERS

- June 2001 Workshop on Brief strategic therapy, Sirmione del Garda (BS), Italy.
- 1998-2001 Workshops on Tibetan psychology, Asiago (VI), Italy.
- May 1998 Workshop on Training group, University of Padova, Italy.
- 2002 Workshop by Gigi dall'Aglio: Shakespeare and Hamlet, TPR, Padova, Italy.
- 2001 Workshop by Marco Baliani: Telling and monologue, TPR, Padova, Italy.
- 1999 Workshop by Moni Ovadia: Voice and personal sound, TPR, Padova, Italy.
- 1998 Workshop by Mamadou Dioum: Suffering and Peter Brook, TPR, Padova, Italy.

SELECTED CONFERENCE PROCEEDINGS

Le Menestrel M, Nagel R and Pedersini R (2005, september). *Tip pooling: can a rule without any enforcement promote fairness?* 36th European mathematical psychology meeting, Padova, Italy.

Micko HC, Oravecs Z, Pedersini R and Wilderjans T (2003, august). *Tit for tat coalitions in 4-person PD games.* 10th International conference on social dilemmas, Marstrand, Sweden.

Pedersini R and Micko HC (2005, august). *Conditions for the credibility and effectiveness of tit for tat coalitions in iterated n-person prisoner's dilemma games.* 11th International conference on social dilemmas, Krakow, Poland.

PUBLICATIONS

Gori S, Pedersini R and Giora E (in press). *How do painters represent motion in garments? Graphic invariants across centuries.* Spatial Vision.

Gori S, Giora E and Pedersini R (submitted). *A synergetic interpretation of perceptual multistability in dynamical ambiguous figures.*

Pedersini R, Le Menestrel M and Nagel R (in preparation). *Tip pooling: can a rule without enforcement promote fairness?*

Pedersini R and Dienes Z (in preparation). *Conscious and unconscious decisions: somatic markers in an artificial grammar learning Task.*

Micko HC, Oravecs Z, Pedersini R and Wilderjans T (in preparation). *Tit for tat coalitions in 4-person PD games.*

Cadinu M, Maass A and Pedersini R (in preparation). *Stereotype threat: women performance during driving simulations.*

Cadinu M, Maass A, Palomba D, Pedersini R and Sarlo M (in preparation). *Stereotype threat and its physiological correlates.*