

# Niccolò Pescetelli

**Address:** 4a, Cripsey Road, Oxford, OX2 0AH, U.K. | via Lungoparco Gropallo 1/1, Genova, 16122, Italy

**E-mail:** niccolo.pescetelli@psy.ox.ac.uk | **Tel:** (+44) 772 145 6281

**Website:** niccolopescetelli.com

## GENERAL INFORMATION

Nationality: Italian | Birth date: 15-Sept-1989 | Sex: M

## CURRENT POSITION

**2013-2016**     **PhD- University of Oxford**, Dept. Experimental Psychology, Oxford, U.K.  
Christ Church College - Supervision: Prof. Nicholas Yeung  
**Awards:** Clarendon Scholarship (top 2% based on academic merit)  
**Skills:** Data analysis, designing experimental protocols, behavioural modelling, machine learning, Bayesian theory, agent-based modelling, tutoring junior students, managing lab's public outreach (Twitter, website, logo design, etc.)

## CURRENT RESEARCH

**2013-2016**     **University of Oxford**, Dept. Experimental Psychology, Oxford, U.K.  
In my PhD I am working on Bayesian models of social interaction and advice taking behaviour. My work explores how uncertainty from social and perceptual sources shapes our confidence in decision-making.

## PAST RESEARCH

**2012-2013**     **NeuroSpin**, Commissariat à l'énergie atomique et aux énergies alternatives, Paris, France  
I worked in the laboratory of Stanislas Dehaene using magnetoencephalography, Multivariate Pattern Analysis and working memory models to decode mental content in visual perception.

**2011-2012**     **University College London**, Institute of Cognitive Neuroscience, London, U.K.  
I worked with Geraint Rees and Bahador Bahrami where I studied the role of metacognition in interacting dyads using quantitative and statistical approaches. The relative thesis was awarded highest grade in my class (80/100).

**2010-2011**     **University of Padua**. Human Technology Lab, Padova, Italy  
I worked on the European Commission FP7 funded CEEDs project. My personal investigation was on wearable technologies and ubiquitous computing. We tested the reliability of a wearable technology for physiological recording. The relative thesis was marked maximum grade.

## EDUCATION

**2012-2013** M.Sc. Brain and Mind Sciences. Year 2. Université Pierre et Marie Curie (UPMC) and École Normale Supérieure (ENS), Paris. Award: 15.73/20, mention B.

**2011-2012** M.Sc. Brain and Mind Sciences. Year 1. Award: 72/100 (*Distinction*)

**2008-2011** B.Sc. Psychobiological and Cognitive Sciences. University of Padua. Award: 110/110 *Summa cum laude*

**2003-2008** Liceo Scientifico G.Marconi, Pesaro, Italy. Award: 100/100 (top 5%)

## PUBLICATIONS

- **Pescetelli N.**, Rees G., Bahrami B., The perceptual and social components of metacognition. (2016) *Journal of Experimental Psychology: General*, 145 (8).
- King J.R.\*, **Pescetelli N.\***, Dehaene S., Brain mechanisms underlying the brief maintenance of seen and unseen sensory information. *Neuron*. (in press)
- **Pescetelli N.**, Yeung N., The use of metacognitive evidence in feedback-free contexts: advice-taking and trust formation. (in prep.)
- **Pescetelli N.**, Yeung N., Uncertainty update in interactive and non-interactive social exchange. (in prep.)

## WORKSHOPS AND CONFERENCES

- Workshop: *BIG Ideas Doctoral Workshop* (August 2016), Harvard Kennedy School of Government.
- Speaker: *Experimental Psychology Society Meeting* (July 2016), University of Oxford.
- Speaker: *2<sup>nd</sup> Annual International Conference on Computational Social Sciences* (June 2016), Kellogg School of Management, Northwestern University.
- Poster: *Collective Intelligence Conference* (June 2016). New York University, Stern School of Business.
- Workshop: *Bayesian modelling for cognitive science* (Summer 2015), University of Amsterdam.  
Led by: E. J. Wagenmakers & M. Lee.

## TEACHING

- Tutor for nine 2<sup>nd</sup> year undergraduates at the University of Oxford, Michaelmas Terms 2015 and 2016. Course: Memory, Attention and Information Processing.
- Examiner for on-course essays as well as final written exams.
- Invigilator for undergraduate assessments.
- Graduate Common Room Committee Member for the whole duration of my stay in Oxford.  
Roles: Welfare, Films and Media.
- Teaching Skills course (University of Oxford, Medical Science Division) – part I and II.

## NON ACADEMIC

- I am and have been regularly involved in several theatre productions since secondary school.  
Different roles covered: Actor, Mime, Singer, Co-Director, Technical Sounds/Lights, and Pianist.
- Piano player for thirteen years.

## SKILLS AND INTERESTS

**Languages:** Italian (Native), English (Fluent), French (Conversation).

**Programming:** Matlab (+Psychtoolbox, Cogent), Python, NetLogo, Java, R, BUGS, Scikit-learn.

**Interests:** Human Computing, Machine Learning, Network Analysis and Graph Theory, Philosophy of mind, Theatre.