

# Philippe COLO

ADDRESS: 48 Boulevard Jourdan, 75014, Paris, France

EMAIL: [philippe.colo@psemail.eu](mailto:philippe.colo@psemail.eu)

## RESEARCH FIELDS

---

Decision Theory, Environmental Economics, Communication in Games

## POSITION

---

JANUARY 2019 - (current) Associate Researcher, **Euro-Mediterranean Center on Climate Change (CMCC)**

SEPTEMBER 2016 - (current) PhD candidate in **ECONOMICS, Paris School of Economics**

Thesis: "Decision in uncertainty methods for the economics of climate change"

Advisors: Jean-Marc Tallon and Stéphane Zuber

## EDUCATION

---

JUNE 2015 Engineer degree in **STATISTICS and ECONOMICS, ENSAE ParisTech**

Major: Data Science

Thesis: "A cooperative Game Theory approach to energy supply"

JUNE 2016 Master's degree in **PHILOSOPHY, Université Paris I**

Major: Epistemology

Thesis: "Epistemology of decision under uncertainty in environmental economics models"

## TEACHING EXPERIENCE

---

2018 - 2019 | T.A. Graduates at **Université Paris I**  
*Economics of information* for Pr. Stéphane Zuber

2016 - 2018 | T.A. Graduates at **Paris School of Economics**  
*Game Theory* for Pr. Olivier Compte

2014 - 2016 | Tutor Undergraduates at **Université Paris I**  
*First Year Mathematics*

## ACADEMIC PRESENTATIONS

---

### Presentation with committee

- P. Colo *Cheap Talk under Ambiguity : The IPCC in Climate-Change Agreements*, Foundation of Utility and Risk (FUR) conference, York, 2018
- P. Colo *Cheap Talk under Ambiguity : The IPCC in Climate-Change Agreements*, French Association of Environmental and Resource Economists (FAERE) conference, Aix-en-Provence, 2018
- P. Colo, H. Le Cadre, *Computing an Aggregator's Long Term Profit under Uncertain Behavior of the Agents*, 9-th EAI International Conference on Performance evaluation Methodologies and Tools (ValueTools 2015)
- P. Colo, H. Le Cadre, *Quantification du Profit Long Terme d'un Agrégateur sous Comportement Incertain des Agents*, 17<sup>me</sup> conférence de la société Française de Recherche Opérationnelle et d'Aide à la Décision (ROADEF 2016)

## ONGOING PROJECTS

---

- P. Colo, *What's the Science ? Communication under Model Uncertainty*
- P. Colo, *The IPCC in Climate-Change Agreements*
- P. Colo, B. Hill, M. Abdellaoui, *Elicitation of imprecise probabilities*
- P. Colo, *Aggregation of Bayesian experts*
- J. Emmerling, U. Kornek, K. Lessmann, P. Colo, *Climate thresholds and heterogeneous regions: implications for coalition formation*

## REFEREE

---

2018 | Decisions in Economics and Finance

## WORK EXPERIENCE

---

- |                         |   |
|-------------------------|---|
| DECEMBER 2015-JUNE 2016 | Research engineer at HEC PARIS, Jouy en Josas<br><i>Decision theory and statistics</i><br>Working with Brian Hill on applying expert elicitation methods and statistical inference with imprecise probabilities to a recent decision theory model where subjective probabilities depend on the stakes of the decision to be made.   |
| NOVEMBER 2015-MAY 2016  | Consultant in Economics for EDF, Chatou<br><i>Industrial Micro-economics and Environmental economics</i><br>Consulting review on economic regulation of negative externalities in order to produce a critical reading of the European legislation on nuclear power plants cooling systems.  |
| JUNE-OCTOBER 2015       | Assistant researcher in applied mathematics at MINES PARISTECH, Sophia Antipolis<br><i>Cooperative Game Theory and Machine Learning</i><br>Collaborating with a researcher on writing an article which proposes a model of energy supply based on cooperation between consumers and Smart Grid technology. Relies on the use of Cooperative Game Theory, Machine Learning and Behavioral Economics. |
| JUNE-SEPTEMBER 2014     | Assistant researcher at SOFIPROTÉOL, Paris<br><i>Microeconomics</i><br>Modelling subjective value of cereal crops for producers and second generation bio-fuel manufacturers and simulating dynamic optimal practices   |

## LANGUAGES

---

NATIVE SPEAKER: French, Portuguese  
FLUENT: English, Spanish, German  
GOOD KNOWLEDGE: Italian

## COMPUTER SKILLS

---

Basic Knowledge: Excel, Word, PowerPoint, SAS  
Good Knowledge: PYTHON, R, STATA, L<sup>A</sup>T<sub>E</sub>X