# Curriculum vitae

Mélody Mailliez (melody.mailliez@univ-smb.fr)
PhD student – Univ. Savoie Mont Blanc

# 1. Personal information

**Surname :** Mailliez
**Name :** Mélody Marie Suzanne
**Nationality** : French, Born on 13th September 1989 in Privas (France)
Single, without child

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# 2. Educational background

**2015-2018 (Current situation). PhD in Psychology**

**PhD student in Psychological Sciences**.
   **Fields**: Cognitive and Social Psychology, Decision Making, Appraisal Theory
   **Localization:** Chambéry (France) *in* Univ. Savoie Mont Blanc, Univ. Grenoble Alpes, National Center for Scientific Research -CNRS
   **Supervisors**:
    Prof. **Pascal HOT** (Full-Professor, Laboratory of Psychology and NeuroCognition -LPNC, CNRS)
    Dr. **Thierry BOLLON** (Associate-Professor, Inter-university Laboratory of Psychology – Personality Cognition and Social Change –LIP/PC2S)
   **Dissertation:** "Emotion and decision making: toward a multidimensional approach of the cognitive appraisal of certainty."
   **Grant**: French Higher Education and Research Ministry

**2013-2015. MSc, Master degree in Psychology**

   **Fields**: Cognitive and Social Psychology, Decision Making, Appraisal Theory
   Localization: Chambéry (France) *in* Univ. Savoie Mont Blanc, Univ. Grenoble Alpes, National Center for Scientific Research -CNRS
   **Supervisor**:
    Dr. **Thierry BOLLON** (Associate-Professor, Inter-university Laboratory of Psychology – Personality Cognition and Social Change -LIPPC2S)
   **Thesis: "**Influences of emotions upon sequential decision making" (Ranked 2nd of my promotion)

**2013. B.A. in Psychology**

   **Localization**: Chambéry (France) *in* Univ. Savoie Mont Blanc

## *Further training*

### Scientific training
- "Statistic and R package", March 2017
- "Career prospects and write a scientific article", March 2016
- "Drafting and presentation of a scientific poster", February 2016
- "Bayesian cognition", October 2015- November 2015

### Teaching training
- "Initiation to zetetic", January 2016
- "Teamwork and management", March 2016
- "Being Associate Professor", December 2016
- "Manage our classroom", December 2015

# 3. Skills

General skills in research project management and data analysis.

Specific expertise and interest in:

## Languages
- French (mother tongue)
- Spanish (bilingual)
- English (scientific)

## Statistical analysis and software
- **Statistical analysis:** linear general model (regression, ANOVA, etc.), factorial and structural analyses, non-parametric statistical techniques, analysis of speech (i.e. thematic analyses); small scale meta-analysis, reliability generalization analysis
- **Software:** Tropes, Nvivo, Statistica, SPSS, R , Excel, XLSTAT

## Biometric
- **Electrodermal activity (GSR)** :
  - Data collection AED (Biopac)
  - Data analysis (AcqKnoledge)
- **Hearth rate**
  - Data collection (Biopac)
  - Data analysis (AcqKnoledge, Kubios)

## Experimental design and Computing Skills
- **Applications:** Microsoft Office Suite, Survey Monkey, Google Forms, Qualtrics, Wordpress, OpenScienceFramework (OSF)
- **Software :** E-prime, Open Sesame, Inquisit
- **Programming languages:** Visual Basic, Python, E-basic, PHP, CSS, HTML

# 4. Professional experiences

**2015-current. Teaching assistant**
**Teaching in cognitive and social psychology**
**Localization**: Chambéry (France) *in* Univ. Savoie Mont Blanc, Department of Psychology

**May 2015 –July 2015. Research assistant**
Localization: Grenoble (France) *in* Grenoble School of Management
**Supervisors**:
  Prof. **Carolina Werle** (Full-Professor, Grenoble School of Management)
**Topic:** «Evaluation and design more effective dietary guidelines (National Health and Nutrition Plan)"

**November 2013- March 2014. Research assistant**
Localization: Chambéry (France) *in* Univ. Savoie Mont Blanc
**Supervisor**:
  Dr. **Thierry BOLLON** and Dr. **Marine Beaudoin** (Associate-Professor, Inter-university Laboratory of Psychology – Personality Cognition and Social Change -LIPPC2S)
**Topic**: "Decision-making in daily life for aging people."

**December 2013.** Neuropsychology Extern
Localization: Grenoble (France) *in* Centre Hospitalier Universitaire Grenoble Alpes, Pathology of movement service

**June 2009**. Psychiatric extern
Localization: Privas (France) *in* Centre Hospitalier Sainte Marie, Unité "Saint Régis"

# 5. Scientific activities and perspectives

## *Detailed presentation of the scientific activities*

### Publications in international or national peer-review journals

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### Publications in preparation, submitted or under review

**7.Mailliez, M**., Bollon T., Bagneux V., & Hot P. *(in prep) Beyond the interaction of incidental and integral influence of emotion: can certainty appraisal enhances decision making?*

**6.Mailliez, M.,** Bollon T., & Hot, P. (in prep) *Are all Positive Emotions Really Good for Us? A Closer at the Influence of Positive Emotions upon Sequential Decision Making.*

**5.Mailliez, M.,** Bollon, T., Pinelli, M., & Pelissier, S. *(in prep)* Are there Biomarkers Associated with the Cognitive Appraisal of Certainty? Cardiovascular and Electrodermal Exploration.

**4.**Pinelli, M., & **Mailliez M.** (*in prep*) How Far Will you Go? The Influence of Cognitive Appraisal of Certainty and Personality on Risk-Taking.

**3.**Metral, M., & **Mailliez M.** (*in prep)* "Body IGT Modified" for reducing body dissatisfaction in women at risk for developing eating disorders.

**2.**Metral M., & **Mailliez M.** (*in prep*) New Cognitive Therapy for Body Overestimation in Anorexia Nervosa : A case study

**1.Mailliez M**., Bollon, T, Carré A., Blatier C., & Hot P. (*in prep*) Assessing the Appraisal of Situation : Using Smith and Ellsworth (1985) Dimensional Rating Questionnaire as New Scale in French.

### Conferences

5. **Mailliez, M.**, Hot, P., & Bollon, T. (June, 2017). *Les émotions incidentes modulent-elles la prise de risque dans une tâche de prise de décision séquentielle ?* Communicated at 13ème Colloque Jeunes Chercheur.ses de l'ADRIPS, Paris, France.

4. Pinelli, M., & **Mailliez, M.** (June, 2017). *Jusqu'où iriez-vous ? Rôle des facteurs de personnalité dans l'influence de l'incertitude sur la prise de risque.* Communicated at Rencontre Inter-Laboratoires (RILS), Chambéry, France

3. **Mailliez, M**., Hot, P., & Bollon, T. (June, 2016). *Analyse de l'interaction de trois sources émotionnelles dans une situation de prise de décision complexe.* Communicated at 11ème Congrès International de Psychologie Sociale en langue française, ADRIPS, Geneva, Switzerland.

2. **Mailliez, M.,** Hot, P., & Bollon, T., (February, 2016). *Des situations risquées aux situations ambigües : rôle du traitement émotionnel dans la prise de décision.* Communicated at Rencontre Inter-Laboratoires (RILS), Lausanne, Switzerland.

1. **Mailliez, M.,** & Bollon, T. (June, 2015). *Can the emotional cues lead you to be more rational?* Communicated at Social Cognitive Psychology & Neuropsychologie Conference, Grenoble, France

### Poster presentation

4. Pinelli, M., Marquenet, C., & **Mailliez, M.** (April, 2018). *How far will you go? The effect of uncertainty on risk taking is moderated by personality.* Poster presented at 7th Consortium of European Research on Emotion, Glasgow, Scotland.

3. **Mailliez, M.**, Bollon, T., & Hot P. (April, 2018*). Are all positive emotions really good for us? Differential impact of emotional cues processing in sequential decision making.* Poster presented at 7th Consortium of European Research on Emotion, Glasgow, Scotland.

2. **Mailliez, M.,** & Bollon T. (July, 2017). *Between a rock and a hard place: The emotional processing and its impact on ambiguity aversion.* Poster presented at 18th General Meeting of the European Association of Social Psychology, Granada, Spain.

1. **Mailliez, M**., Bollon, T., & Hot, P., (December, 2015). *Nouvelles perspectives des thérapies cognitives pour les joueurs pathologiques.* Poster presented at 43ème Congrès annuel de Thérapie Comportementale et Cognitive, Paris, France.

## *Research activities*

### Professional affiliation

European Association of Social Psychology (EASP)
European Society for Cognitive and Affective Neuroscience (ESCAN)
Society for Personality and Social Psychology (SPSP)
Association de Diffusion de la Recherche Internationale en Psychologie Sociale (ADRIPS)

### Scientific reviewing

*Occasional solicitation as reviewer in peer-reviewed journal*
Cognitive Computation (IF 3.441)
Physiology and Behavior (IF 2.45)
Cognition and Emotion (IF 1.44)
Motivation and Emotion (IF 2.29)

*Reviewing for institutions*
Agence National de la Recherche (ANR), projet « ASTRID », axe 8

### Grants

2017. "Science Week about stereotypes" (**Mailliez, M.,** Pelissier, S., & Carré A.): Grant from Univ. Savoie Mont Blanc for the scientific organization of the Science Week (€1000).

2015-2018. Scholarship of the French Higher Education and Research Ministry for full salary during the Ph. D

## *Science popularization*

### Invitation for outreach conferences

Bochard, N., Cachard, J., & **Mailliez, M.** (November, 2016). *Que cachent vraiment les étiquettes ?* Invited to communicated at "Conference-debate: Entre midi et science" organized by the Galerie Eureka.

### Participation and organization of scientific events

2017**. Organizing member** for Science Week supported by LIP/PC2S and Galerie Eureka
2016. **Organizing member** for Science Week supported by LIP/PC2S and Galerie Eureka
2015. **Participating member** in Science Week supported by LIP/PC2S and Galerie Eureka
2014. **Participating member** in Science Week supported by LIP/PC2S and Galerie Eureka

# *Research interest*

## Key words
(*) denotes research interests related to the field of the thesis

Emotion*, decision making*, dual process theory*, framing effect*, ambiguity aversion*, alimentation, eating disorders, prevention, open science

## Summary of the doctoral work
Grant from the French Higher Education and Research Ministry

### Axis 1. Emotion and sequential decision making
The aim of this research axis is to go deeper in the understanding of the emotional influences upon decision making. These works take the theoretical approach of the Appraisal Tendency Framework (Han et al., 2007) and more recently the Emotion Imbued Choice (EIC; Lerner et al., 2015). More precisely, we analyze the interaction between incidental (i.e. not related to the decision) and integral (related to the decision) influences. In this perspective, 6 experiments and 2 small scale meta-analysis were conducted. Taken as a whole, result suggest that it is possible to extend the theoretical predictions of the EIC to sequential decision and to envisage applications in both prevention and clinic psychology (cf. axis 3).

### Axis 2. Cognitive appraisal of (un)certainty
Cognitive appraisal of certainty associated with incidental emotions modulate the leading information processing triggered (Tiedens & Linton, 2001). Literature review showed that the internal consistency of the measure is weak. Consequently, the aim of this research axis is to go deeper in the analyze, understanding and improvement of the measure of (un)certainty appraisal in a French population. In this perspective, 3 series of semi directed interview, a replication of Smith & Ellsworth (1985) and 2 studies (behavioral and physiological) were conducted.
Results allowed us to:
- The validation of a French version of the Dimensional Rating Questionnaire
- The construction and the validation of a multidimensional questionnaire of the degree of certainty
- Support the existence of the multidimensional view by physiological markers
- Replicate and redefine the pattern of cognitive appraisal associated with 15 incidental emotions in a French population

## Summary of other research areas

### Axis 3. Emotion, decision making and alimentation
This research axis aims to extend the doctoral work (i.e. axis 1 and 2) from a prevention and clinical perspective. Current collaborations can be organized in two sub-axes. First, axis 3.1 aims to apply the Appraisal Tendency Framework to reduce body dissatisfaction in patients with Anorexia Nervosa and female university students. Second, the axis 3.2 aims to go deeper in the understanding of the cognitive mechanisms underlying eating behaviors and their modulation by emotional influences.

# 6. **Collectives activities**

## Administrative responsibilities

**2016-: Graduate student representative** in the Doctoral School Health, Cognition and Environmental Engineering, Univ. Grenoble Alpes, Grenoble (France)

**2017-: Graduate student representative** in the Univ. Savoie Mont Blanc Doctoral Commission, Univ. Savoie Mont Blanc, Chambéry (France).

**2017-: Graduate student representative** in the laboratory board of the LIP/PC2S

## Collective responsibilities

**2018:** "Brown Bag"
> Animation and organization of spoken English for PhD students, Univ. Savoie Mont Blanc

**2016-2017:** "Entre2stats"
> Animation and organization of statistics workshops for the department of Psychology, Univ. Savoie Mont Blanc

# 7. Teaching

## General presentation

I have made all my teaching load in Psychology for Bachelor, Master or Doctoral degree mainly at Univ. Savoie Mont Blanc but also at Univ. Grenoble Alpes. My teaching load was made under a contractual teaching mission (3 years) and in a workshop project (Univ. Grenoble Alpes).

My pedagogical approach is mainly constructivist. I seek to teach both concepts and that students access the intuitive meaning of these concepts. I use techniques such as scientific debate, analysis of data collected by the students themselves or multimedia content. My teaching perspectives are to develop the use and the creation of multimedia content for educational purposes.

## Summary of teaching load by level

<div align="center"><b>Total teaching load: 202 h</b></div>

*Ph.D student*
> **"Talking about pedagogy, role of motivation and emotion in our teaching"**
> > Univ. Grenoble Alpes, Grenoble (France)
> > *Instructor*

Graduate student
> **'Emotion and Cognition: a closer look at decision making"**
> > Univ. Savoie Mont Blanc
> > *Instructor*

Undergraduate student
- **Experimental Social Psychology**
  > Instructor: Thierry Atzeni (Associate Professor)
  > Univ. Savoie Mont Blanc
  > Teaching Assistant
- **Experimental Cognitive Psychology**
  > Instructor: Sophie Donnadieu (Associate Professor)
  > Univ. Savoie Mont Blanc
  > Teaching assistant
- **Scale Construction**
  > Instructor: Arnaud Carré (Associate Professor)
  > Univ. Savoie Mont Blanc
  > Teaching Assitant
- **Statistics**
  > Instructor : Isabella Zsoldos (Ph. D)
  > Univ. Savoie Mont Blanc
  > Teaching Assistant

## Supervising experience (Bachelor and Master thesis)

**2015-2018. Univ Savoie Mont Blanc**
> **Master degree.** Co-supervision of **9 thesis** (Psychology)
> **Bachelor degree**. Co-supervision of **8 research internship** (Psychology)
> **Bachelor degree**. Supervision of **1 research internship** (Psychology – Psychometric)

**2015- 2018. Univ. Grenoble Alpes**
> **Master degree.** Co-supervision of **1 thesis** (Psychology- Psycho-criminology)

# 8. Synthesis

## Educational Background

2015- 2018 (current situation). PhD student in Psychology

2014-2015. MSc in Psychology. Fields: Research in cognitive and social psychology

## Research profile

*Publications:* 0

*Publications in preparation, submitted or under review*: 7 with 5 in 1st author

*Other:* 5 conferences and 4 poster presentation

## Teaching profile

*Total teaching load:* Since 2015, 202 h

*Level:* Bachelor, Master and Doctoral

*Methodological teaching:*

Statistics, Methodology, Scale construction

*Theoretical teaching:*

Cognition & emotion, Talking about pedagogy, role of motivation and emotion in our teaching

*(Co-)Supervision:* 10 master thesis and 9 bachelor research internship