

Amélie Bret | Curriculum Vitae

PhD

+33 6 14 89 06 80 • ameliabret@gmail.com

My main research interest is the interplay between general rigidity and attitudes changes. I am willing to develop a project with a positive societal and fundamental impact.

Curent research projects

○ Attitude change and Attitude (Main projects)

RWA and attitude change in evaluative conditioning
An EEG (Electroencephalography) study of attitude change in evaluative conditioning
Bayesian modeling of RWA and attitude change
Attitude change in evaluative conditioning : the case of elderly people
How do processing goals influence evaluative conditioning

○ Moral extremism

Comparing the opposition between carnism and veganism with the opposition between the pro- and anti-animal experimentation.

Education

University.....

- | | |
|---|--|
| University Grenoble Alpes | Grenoble and Louvain la Neuve |
| ○ Defended November 22nd 2018
<i>PhD, "RWA and attitude change in evaluative conditioning"</i> | 2015–2018 |
| University Grenoble Alpes | Grenoble |
| ○ Obtained with honors
<i>Master Degree, "Cognitive roots of racial discrimination"</i> | 2013–2015 |
| University Clermont Auvergne | Clermont-ferrand and Canterbury |
| ○ Obtained with honors
<i>Bachelor Degree, ERASMUS program, University of Kent</i> | 2011–2013 |

Qualifications.....

- *Waiting for the decision* 16th section of the French National Council of Universities Qualified for french lecturer positions in Psychology

Scientific Articles

In the pipeline.....

○ Major Revisions at *SPPS*

Bret, A., Beffara, B., Mierop, A., Corneille, O., Mermillod, M. (Submitted *SPPS*). Socio-political ideologies Predict (Un)Learning Evaluatively Conditioned Attitudes. Pre-print : <https://psyarxiv.com/3mfa8/>

- **Minor Revisions at *Meta Psychology***
Beffara, B., **Bret, A.**, Nalborczyk, L.. Blinding as a Necessary Precaution Against Experimenter Biases During Sequential Bayes Factor, comment on "Sequential hypothesis testing with Bayes factors: Efficiently testing mean differences ». Pre-print <https://psyarxiv.com/v7xpg/>
- **Major Revisions at *Social Psychological Bulletin***
Mierop, A., **Bret, A.**, Yzerbyt, V., Dumas, R., Corneille, O. Evaluative influences of CS-US pairings are unidirectional.
- **In preparation**
Mierop, A., **Bret, A.**, Hutter, M., Corneille, O., (In Preparation). How do processing goals influence evaluative conditioning? New insights from indirect evaluative measures and multinomial processing tree modeling. OSF : <https://osf.io/b5ynq/>
- **In preparation**
Bret, A., Beffara, B. (In Preparation). French translation of the vegetarianism threat scale (Dhont and Hodson, 2014).

Journal Articles.....

- **Bret, A.**, Beffara, B., McFadyen, J., Mermillod, M. (2017). Right wing authoritarianism is associated with race bias in face detection. *PLoS ONE* 12(7) doi.org/10.1371/journal.pone.0179894]
- Beffara, B., **Bret, A.**, Vermeulen, N., Mermillod, M. (2016). Resting high frequency heart rate variability selectively predicts cooperative behavior. *Physiology Behavior*, 164, 417–428. doi.org/10.1016/j.physbeh.2016.06.011
- Beffara, B., Wicker, B., Vermeulen, N., Ouellet, M., **Bret, A.**, Molina, M. J. F., Mermillod, M. (2015). Reduction of interference effect by low spatial frequency information priming in an emotional Stroop task. *Journal of vision*, 15(6), 16-16. doi.org/10.1167/15.6.16
- **Bret, A.**, Beffara, B. (2013). Anthropomorphising Ourselves : The Origin of the Free Will Illusion. *Student Journal of Psychology*, 2, 1, 28-30.

Ad hoc reviewing

- Acta Politica <https://www.palgrave.com/gp/journal/41269>
- Scientific Reports. <https://www.nature.com/srep/>
- International Review of Social Psychology. <https://www.rips-irsp.com/>
- Journal of Vision. <http://jov.arvojournals.org/>

Scientific conferences

- **Bret, A.**, Society for the Improvement of Psychological Science,(SIPS) 2019, July, Rotterdam, Holland.
- **Bret, A.**, Mermillod, M., Corneille O., (2019, March) Right Wing Authoritarianism and Attitude Change : How to Facilitate Counter-Conditioning Effects ? presented at the Association for Psychological Science (APS) Paris, France.
- Beffara, B., **Bret, A.**, Nalborczyk, (2019, March) Right Wing Authoritarianism and Attitude Change : How to Facilitate Counter-Conditioning Effects ? presented at the Association for Psychological Science (APS) Paris, France.
- **Bret, A.**, Beffara, B., Mierop, A., Corneille, O., and Mermillod, M. (2017, August) Political conservatism and evaluative counter-conditioning: Motivational and cognitive differences. Talk presented at ESCON, Gdansk, Poland.

- **Bret, A.**, Mierop, A., Beffara, B., Corneille, O., and Mermillod, M. (2017, July) Right-Wing Authoritarianism is negatively associated with counter-conditioning. Talk presented at EASP, Granada, Spain.
- Batailler, C., **Bret, A.**, Kasseh S., Moulin C., Muller D., (2017, July) Toward a Robust Subliminal Priming Procedure ? Poster presented at EASP, Granada, Spain.
- **Bret, A.**, Mierop, A., Beffara, B., Corneille, O., and Mermillod, M., (2017, March) When sensitivity to evaluative counterconditioning is associated with sociopolitical ideologies: Is this due to style differences? Talk presented at TEAP, Dresden, Germany.
- **Bret, A.**, Mierop A, Beffara B, Corneille O and Mermillod M. (2016, August) Socio-political ideologies Predict (Un) Learning Evaluatively Conditioned Attitudes. Talk presented at ESCON, Lisbon, Portugal.
- **Bret, A.**, Mierop A, Beffara B, Corneille O and Mermillod M. (2016, July) Socio-political ideologies Predict (Un) Learning Evaluatively Conditioned Attitudes. Talk presented at the EASP Medium Size Meeting: The Psychology of Attitudes: Cologne, Germany.
- **Bret, A.**, (2016, December) Quand une plus faible sensibilité au contre-conditionnement évaluatif est associée aux idéologies socio-politiques : ces différences sont-elles dues au style cognitif [When a weaker sensitivity to counter evaluative conditioning is associated with socio-political ideologies: are these differences due to cognitive style] ? Talk presented at the Journée de la Cognition Sociale, Grenoble, France.
- **Bret, A.**, Mierop A, Beffara B., Corneille O and Mermillod M. (2016, August) Socio-political ideologies Predict (Un) Learning Evaluatively Conditioned Attitudes. Talk presented at ESCON, Lisbon, Portugal.
- **Bret, A.**, Mierop A, Beffara B, Corneille O and Mermillod M. (2016, July) Socio-political ideologies Predict (Un) Learning Evaluatively Conditioned Attitudes. Talk presented at the EASP Medium Size Meeting: The Psychology of Attitudes: Cologne, Germany.
- Brice Beffara, **Bret, A.**, Nicolas Vermeulen & Martial Mermillod. Social neurocardiology. The case of heart rate variability and cooperation in healthy human adults. The 8th European Conference on Behavioural Biology (ECBB 2016), 2016, July 12-15, Vienna, Austria
- **Bret, A.**, Mierop A, Beffara B, Corneille O and Mermillod M. (2016, June) Les idéologies socio-politiques prédisent la formation de préjugés sans médiation par la flexibilité cognitive. Talk presented at the: Genève, Switzerland.
- **Bret, A.**, Mierop, A (2016, May). Recent advances in attitude formation and decision making. Symposium presented at the 26th meeting of the Belgian Association for Psychological Sciences (BAPS), Antwerp, Belgium
- **Bret, A.**, Beffara, B., Mermillod, M. (2016, March) Are political ideologies linked with the search of out-group faces? An implicit way to access racial discrimination. Poster presented at 2016 Society for Affective Science Annual Conference; Chicago, USA.
- Beffara, B., **Bret, A.**, Ferreri, L., Bard, P., Vermeulen, N., Bugajska, A., & Mermillod, M. (2016). Healthy adults with lowest levels of cooperation are more cooperative after heart rate variability biofeedback. Annual Conference of the Society for Affective Science. Chicago (Illinois). USA. March 2016.
- **Bret, A.**, Beffara, B., Martial Mermillod (2015, September) Objectivization or threat perception? Measuring racial discrimination by the visual search of faces. Poster presented at the Annual Conference of European Society for Cognitive Psychology, Paphos, Cyprus
- Brice Beffara, **Bret, A.**, Nicolas Vermeulen Martial Mermillod. Socio-emotional skills and homeostasis in mammals: the key role of heart-brain interactions. ESCOP 2015, September 17-20, Paphos, Cyprus
- **Bret, A.**, Beffara, B., Martial Mermillod (2015, July) Cognitive Roots of Racial Discrimination: objectivization or threat perception? Poster presented at the Annual Conference of International Society for Research on Emotion, Geneva, Switzerland
- Brice Beffara, **Amélie Bret**, Amélie Baldini, Nicolas Vermeulen Martial Mermillod. High frequency heart rate variability is positively associated with cooperation in a chicken game. ISRE 2015, July 8-10, Geneva,

Switzerland

- **Bret, A.**, Beffara, B., Mermillod, M. (2015, June) Is the out-group not enough interesting or too much threatening? Talk presented at the 6 rencontres du Pôle Grenoble Cognition, Grenoble, France.
- Beffara, B., **Bret, A.**, Chausse, P., Guinet, E., Vermeulen, N., Mermillod, M. (2015, April) Increased heart rate variability after short term biofeedback: visual feedback without paced breathing is sufficient to regulate. Poster n6, Session B, presented at the 2015 Annual Conference of the Society for Affective Science, San Francisco Bay Area, Oakland, California, USA.
- Mermillod, M., Beffara, B., **Bret, A.**, Lepage, J., Morisseau, T., Vermeulen, N. (2014). Is the Devil (or Angel) Located in Frontal Cortical Areas? The 12th International Conference on Cognitive Neuroscience. Brisbane. Australia. July 2014.
- Beffara, B., Vermeulen, N., **Bret, A.**, Mermillod, M. (2014). From Fast Visual Perception to Frontal Emotional Inhibition. Consortium of European Research on Emotion (CERE 2014). Berlin. Germany. March 2014.
- Beffara, B., Ouellet, M., Vermeulen, N., **Bret, A.**, Morisseau, T., Mermillod, M. (2013). Toward New Physiological Evidence of Social Top-down Response Modulation. International Symposium on Vision, action and concepts: Behavioural and neural basis of embodied perception and cognition. Lille. France. October 2013.
- Beffara, B., Wicker, B., Vermeulen, N., Ouellet, M., **Bret, A.**, Funes Molina, M.J., Mermillod, M. (2013). Does Low Spatial Frequency Information Really Have a Preferential Role in Emotional Frontal Inhibition? 18th Conference of the European Society for Cognitive Psychology. Budapest. Hungary. September 2013.
- Beffara, B., Vilain, C., Wicker, B., Vermeulen, N., Ouellet, M., **Bret, A.**, Funes Molina, M.J., Mermillod, M. (2013). L'importance des basses fréquences spatiales dans le processus d'inhibition émotionnelle. 4 rencontres du Pôle Grenoble Cognition. Grenoble. France. June 2013.

Present and past main collaborations

- Pr. Olivier Corneille, University Catholic of Louvain (present)
- Pr. Christopher Moulin, University Grenoble Alpes (present)
- Pr. Martial Mermillod, University Grenoble Alpes (present)
- Dr. Brice Beffara, University de Franche Comté (present)
- Ladislav Nalborczyk, PhD Student, University Grenoble Alpes (present)
- Yseult Héjja-Brichard, PhD Student, University de Toulouse (present)
- Dr. Adrien Mierop, University Catholic of Louvain (present)
- Pr. Dominique Muller, University Grenoble Alpes (past)

Project accepted by ethics committees

- Attitude change in evaluative conditioning : an Electroencephalographic investigation of Right Wing Authoritarianism (French ethical committee, 2018)
- Attitude change in evaluative conditioning : the role of conservatism (Belgian ethical committee, 2015)

Teaching

University Grenoble Alpes 2018-2019.....

- 1st year Psychology TD: UE Cognitive Psychology 40 hours
- 1st year Psychology TD: UE Statistical Analysis 30 hours

- 2nd year Psychology TD: UE Social Psychology 40 hours
- 3rd year Psychology TD: UE Statistical Analysis 32 hours
- 3rd year Psychology TD: UE Data Analysis 20 hours
- Master 1 Psychology TD: UE Methodology in social psychology 3 hours
- Master 1 Psychology CM: UE Social psychology (Representations and judgments) 18 hours

University Grenoble Alpes 2017-2018.....

- 1st year Psychology: UE Cognitive Psychology 64 hours

University Grenoble Alpes 2016-2017.....

- 1st year Psychology TD: UE Methodology in University 36 hours
- 1st year Psychology TD: UE Cognitive Psychology 28 hours
- Workshop for PhD Student "How to use psychology for teaching" 12 hours

TD = 302 hours

CM = 18 hours

Workshop = 12 hours

Total 332 hours

Science popularization and opinion

- **Bret, A.**, Christopher Moulin (in the pipeline) The future of international conferences. (Submission in the Conversation.
- **Bret, A.**, (in the pipeline) Paper in Cog'innov (in French) Conservatisme et consommation de produits animaux.
- **Bret, A.**, (avril 2018) Are scientists using science ?
- **Bret, A.**, (mars 2018) Ciné - débat à la Paillasse. "Conservatisme sociale et changement d'attitudes"
- **Bret, A.**, (déc 2017) Paper published in Psy post "White conservatives show racial bias in face detection"
- **Bret, A.**, Beffara, B., Mermillod, M. (2015, May) Pint of Science. Political Orientation and Social Intelligence
- **Bret, A.**, Beffara, B., (2014 2015) What is experimental psychology ? (Presentation in high school)

Supervising

- Jihane El Alami, 2018-now (Research Internship 1st year MSc Cognitive and Social Psychology, Grenoble Alpes University) Attitude change in evaluative conditioning : an Electroencephalographic investigation. Co-advised with Pr. Martial Mermillod
- Tania Augière, 2017-2018 (Research Internship 1st year MSc Cognitive and Social Psychology, Grenoble Alpes University) Attitude change in evaluative conditioning : an Electroencephalographic investigation. Co-advised with Pr. Martial Mermillod
- Majide Burlet-Parendel, 2016- 2017 (Research Internship 1st year MSc Cognitive and Social Psychology, Grenoble Alpes University) Attitude change in evaluative conditioning : the role of RWA with indirect measures. Co-advised with Pr. Martial Mermillod
- Laura Robert, 2015-2016 (Research Internship 1st year MSc Cognitive and Social Psychology, Grenoble Alpes University). Attitude change in evaluative conditioning : physiological measure (HRV). Co-advised with Pr. Martial Mermillod and Brice Beffara, PhD Student
- Dorine Chatel, 2014-2015 (Research Internship 1st year MSc Cognitive and Social Psychology, Grenoble Alpes University) Investigation of induction techniques in order to reduce implicit dehumanization. Co-advised with Pr. Martial Mermillod and Brice Beffara, PhD Student

Scientific tools

- **Programming Experiment** Testable, Eprime, Open Sesame, Psychopy
- **Data Analysis** R, Rstudio, Jamovi, JASP, SPSS
- **Redaction** Latex (Overleaf), Libre Office
- **Surveys** Qualtrics
- **Bibliography** Zotero
- **Crowdsourcing** Prolific Academic, MTurk
- **Open Science** Open Science Framework, PsyArXiv, PreReview

More

Administrative.....

- Representative in the University of teaching for PhD Student
- Representative in the Laboratory for PhD Student

Scientific Society membership.....

- Association pour la Diffusion de la Recherche Internationale en Psychologie Sociale (2017 - now) www.easp.eu
- European Association of Social Psychology (2015 - 2017) www.easp.eu
- Association for Psychological Science (2016-2017) www.psychologicalscience.org
- International Society for Research on Emotions (2015-2017) www.isre.org
- Society for Affective Science (2015-2016) www.society-for-affective-science.org

Active member.....

- Co-founder of the Slowpen Science Laboratory <http://slowpen.science/>
- Center for Open Science Ambassador <https://cos.io/>

Fellowship, Grants and Awards.....

- Univ. Grenoble Alpes: 3-year scholarship for a joint PhD (2015–2018)
- CNRS "Attentats Research". in collaboration with Martial Mermillod and Brice Beffara
- 3rd price Best Poster Award, EDISCE, Doctoral School
- Ranked 2nd for a three years Post Doc at University of Kent (June, 2017)

Intra-Lab.....

- Organiser LPNC LabTime (Journal Club, 2017-2018)
- Organiser LPNC PhD Day (October, 2017)
- Organiser workshop Open science (June, 2018)

Language.....

- French (native speaker), English (professional), Spanish (basics)

Other.....

- Instructor of Brevet Aptitude aux Fonctions d'Animateur (3years)
- Director of ALSH (2 years)
- Animator in ALSH and camps (4 years)