

# Jeremy Attard

## Curriculum Vitæ

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### Education

- 2020– **Ph.D. in philosophy of science and epistemology**, A. Staquet and D. Lambert.  
University of Mons and University of Namur.
- 2019–2020 **M2 in Philosophy of science and epistemology**  
Department ALLSH, Aix-Marseille University (AMU).
- 2015–2018 **Ph.D. in Theoretical and mathematical physics**, S. Lazzarini and T. Masson.  
Centre de Physique Théorique, Aix-Marseille University.
- 2014–2015 **M2 in Mathematical and Theoretical Physics, Particle Physics and Astrophysics**  
Aix-Marseille University
- 2012–2013 **M2 in Higher education teaching**  
Ecole Normale Supérieure (ENS) Paris-Saclay (Cachan).
- 2010–2012 **L3 & M1 Phytem – Physics department**  
Ecole Normale Supérieure (ENS) Paris-Saclay (Cachan).

### Internships and research visit

- Sept–Oct 2023 **Research visit**, *Institute for Analytical Sociology*, Norrköping (Sweden)
- 2019–2020 **Master thesis**, *Centre Gilles Gaston Granger*, Aix-en-Provence (France)  
*Structure and evolution of research programs in physics*, Gabriella Crocco.
- March–June 2015 **M2 Internship**, *Centre de Physique Théorique*, Marseille (France)  
*MacDowell-Mansouri Action and Conformal Symmetry*, Serge Lazzarini.
- April – July 2012 **M1 Internship**, *Scuola Normale Superiore*, Pisa (Italy)  
*Quasars formation in the primary universe*, Andrea Ferrara.
- June 2011 **L3 Internship**, *Laboratoire Kastler-Brossel*, Paris (France)  
*Multi-charged and low ions spectroscopy*, Paul Indelicato.

### Teachings

- Since 2020 **Doctoral training courses**, AMU, Marseille, 3x8h, 3 sessions/year  
Introduction to epistemology and critical thinking.
- Since 2020 **Doctoral training courses**, AMU, Marseille, 3x8h, 3 sessions/year  
Science and society: medias and pseudo-sciences.

- Since 2022 **Doctoral training courses**, *UGA*, Grenoble, 3x8h, 2 sessions/year  
Science and society: medias and pseudo-sciences.
- Since 2018 **Licence 1**, *UNIMES*, Nîmes, 12x2h/year  
Methodology, epistemology and critical thinking.
- 2019-2020 **Licence 1**, *AMU*, Marseille, 12x2h  
Training sessions: Methodology
- 2015-2018 **Licence 2**, *AMU*, Marseille, 12x2h  
Training sessions - electromagnetism

## Languages

French	Mother Language
English	Fluent
Italian	Conversation
Spanish	Conversation

## Publications Click on the title to access the publication

### Philosophy of science and epistemology

- J. Attard *Dominique Raynaud. – Sociologie fondamentale. Étude d'épistémologie, Paris, Éditions Matériologiques, 2021, 492 pages. L'année sociologique, (2023).*
- J. Attard *Epistemological status of rationality principles in the social sciences: a structural invariance criterion* (submitted).
- J. Attard *The scientific demarcation problem: a formal and model-based approach to falsificationism* (submitted).

### Theoretical and mathematical physics

- J. Attard *Conformal Gauge Theories, Cartan Geometry and Transitive Lie Algebroids*, HAL (2018).
- J. Attard, J. François and S.Lazzarini *Weyl Gravity and Cartan Geometry*. Physical Review D (2015).
- J. Attard and S. Lazzarini, *A Note on Weyl invariance in gravity and the Wess-Zumino functional*. Nuclear Physics B (2016).
- J. Attard and J. François, *Tractors and Twistors from conformal Cartan geometry: a gauge theoretic approach. I. Tractors*. Advances in Theoretical and Mathematical Physics (2018).
- J. Attard and J. François, *Tractors and Twistors from conformal Cartan geometry: a gauge theoretic approach. II. Twistors*. Classical and Quantum Gravity (2016).
- J. Attard, J. François, S. Lazzarini and T. Masson *The dressing field method of gauge symmetry reduction: a review with examples*. Foundations of Mathematics and Physics one century After Hilbert: New Perspectives (2018).