

## Nolwenn Mahieu

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### Academic Background

2019-2020	Master's degree in molecular chemistry at the <b>École Polytechnique</b> and at <b>École Normale Supérieure Paris-Saclay</b> Main courses include: <i>organometallics, inorganic chemistry, organic chemistry</i>
2017-2018	Master's degree (first year) in chemistry at <b>École Normale Supérieure Paris-Saclay</b> Main courses include: <i>organometallics, biochemistry, analytical and physical chemistry</i>
2016-2017	Bachelor's degree in chemistry at <b>École Normale Supérieure Paris-Saclay</b> (ranked 2 out of 38) Main courses include: <i>organic chemistry, inorganic chemistry, quantum chemistry</i>
2013-2016	Intensive three-year course to prepare for the competitive and selective exams to enter the French Grandes Ecoles at <b>Lycée Sainte Geneviève</b> in Versailles
2012-2013	French Baccalauréat with high honours, at <b>Lycée Saint François-Xavier</b> in Vannes

### Work Experience

February-July 2020	Five-month internship in the LCM laboratory at the <b>École Polytechnique</b> under the supervision of <b>Grégory Notcton, PhD</b> . On the subject of synthesis and characterisation of organometallic species containing lanthanide ions <ul style="list-style-type: none"><li>- Performed air-free organic and inorganic synthesis</li><li>- Conducted NMR, crystallographic and computational studies</li></ul>
November 2018 - August 2019	Nine-month internship in the <b>Schelter Group</b> at the <b>University of Pennsylvania</b> on the subject of multiple bondings in lanthanides and actinides
April-August 2018	Four-month internship in the <b>Radosevich Group</b> at the <b>Massachusetts Institute of Technology</b> on the subject of new directions in main group catalysis particularly phosphorus-based compounds with low-symmetry nontrigonal geometries
2017-2018	Oral examinations in chemistry at Lycée Sainte Geneviève
June-July 2017	Two-month internship in the PPSM laboratory at the <b>École Normale Supérieure Paris-Saclay</b> under the supervision of Nicolas Bogliotti, PhD. on the subject of Arene-Ruthenium complexes bearing an azobipyridine

### Language, computer and scientific skills

Scientific skills	NMR analysis, Ultraviolet-visible spectroscopy, chromatographic purification and analysis, air-free organic and inorganic synthesis.
English	Cambridge Advance Exam Grade A
Computer skills	Competent in the use of Microsoft office packages, including word and excel, and Python

### Peer-reviewed publications

2019	Cheisson, T.; <sup>‡</sup> Kersey, K.D.; <sup>‡</sup> <b>Mahieu, N.</b> ; <sup>‡</sup> McSkimming, A.; Gau, M.R., Carroll, P.J.; Schelter, E.J. <i>J. Am. Chem. Soc.</i> <b>2019</b> , <i>141</i> (23), 9185-9190. <sup>#</sup> Authors contributed equally
2018	Nykaza, T. V.; Cooper, J. C.; Li, G.; <b>Mahieu, N.</b> ; Ramirez, A.; Luzung, M. R.; Radosevich, A. T. <i>J. Am. Chem. Soc.</i> <b>2018</b> , <i>140</i> (45), 15200–15205.

### Extra-curricular activities

Judo	Brown belt, Regional championship winner by team, Departmental championship winner
Archery	Winner of the French championship in 2012, two silver medals and three bronze medals at French Championships
Handball	Member of the senior women team in the Clamart Handball club, take part in competitions.

### References

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