

ABOUT THE AUTHOR

Lucie Mc Govern was born in Paris on December 28, 1993. After completing her high school studies in 2011, she wanted to keep on exploring multiple fields, and felt a strong curiosity for discovering how the world works, with a taste for multidisciplinary approaches. She obtained a double Bachelor's degree in Chemistry and in History, from the universities *Pierre et Marie Curie* and *La Sorbonne* in Paris, in 2014. During this double Bachelor's program, she spent one year at the University College of London.



Desiring to deepen her understanding of Chemistry, she continued her studies at the *Ecole Normale Supérieure*, in Paris. There, she specialised in Physical Chemistry and obtained her Masters jointly from the *Ecole Normale Supérieure* and from the university *Pierre et Marie Curie* in 2017, with a minor in History and Theory of Dramatical Arts. During this Masters, she completed two long research internships projects, at McGill university in Montréal, and at AMOLF in Amsterdam.

She further pursued as a volunteer in the government-agency of the *Agence Parisienne du Climat*, where her mission was to co-organize a Parisian-wide challenge for families to reduce their environmental footprint.

In 2018, she started her PhD in the Hybrid Solar Cells group under the supervision of Prof. Bruno Ehrler, where she worked on ion migration processes in perovskite solar cells. The results of these scientific investigations are presented in this thesis. Next to her thesis, she participated in the work's council international committee and in the Green Sustainability group of AMOLF.

Lucie also enjoys the theatre and has acted and co-directed in amateur plays in Paris, London and Amsterdam. During her PhD she collectively directed and played in "Le dieu du carnage" by Yasmina Réza, which was performed in December 2020.