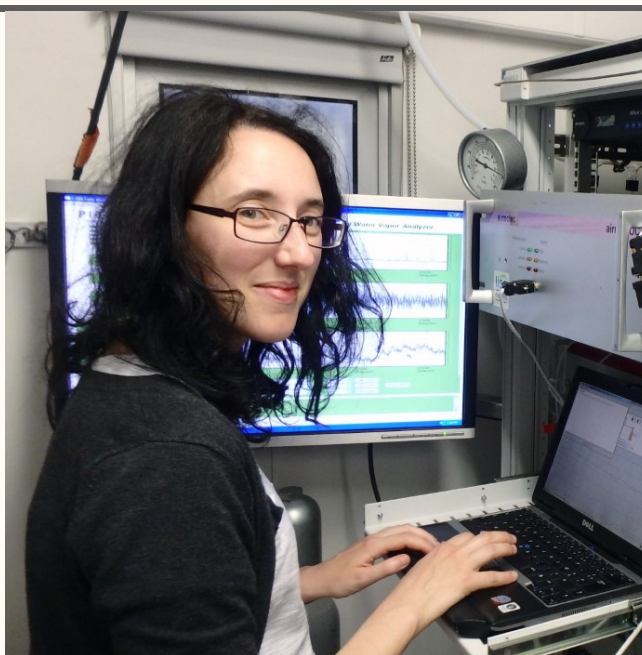


SCISOC SPOTLIGHT

BY THE CAMBRIDGE UNIVERSITY SCIENTIFIC SOCIETY

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DEPARTMENT OF
CHEMISTRY



RESEARCH FOCUS:

ATMOSPHERIC
CHEMISTRY

Air pollution causes 7 million deaths per year worldwide. One of the most concerning air pollutant is particulate matter (small dust suspended in the air). We study the atmospheric processes that can modify the composition of particulate matter during its lifetime in the atmosphere, and we aim to understand the link between composition and toxicity. We look at the molecular mechanism by which particulate matter can cause lung inflammation or diseases such as Alzheimer's.

WHY RESEARCH?

I have always been interested in **understanding the natural environment, promote good practices to preserve it, and solve environmental issues** for the benefit of society in general. Academia gives you the **freedom to follow your inner passion** in ways that no other environment can.



"Academia gives you the freedom to follow your inner passion in ways that no other environment can"

ONE PIECE OF ADVICE...

For many years I thought I was not good enough for doing research; **my main drivers were curiosity and passion.** I am now a lecturer and I have my own research group. Over the years I have grown and I have learnt that **persistence is more important than talent** and that you need to **work hard, look for opportunities to grow, and be open to taking the chances that will come towards you.** My advice is to follow your passion and never give up when you face adversity.