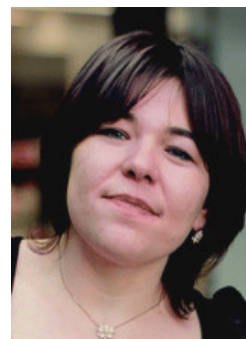


My Chemical Romance

Asst Prof Mihaela Stuparu
School of Physical and Mathematical Sciences

Date: 18 February 2022 (Friday)
Time: 3.00pm - 4.00pm
Venue: Zoom
Meeting ID: 557 379 4375
Passcode: 246810



Abstract

As a research group, we are working with a beautiful curved molecule known as corannulene. Our aim is to employ this beautiful molecular design in the preparation of useful material. In this talk, I would like to share my research journey with the students.

Biography

Born in Romania, Mihaela received her Master degree in Organic Chemistry from the Babes-Bolyai University, Romania, under the guidance of Prof. I. Grosu. She then moved to Freie Universität Berlin, Germany, and finally to ETH-Zürich, Switzerland, to obtain her doctoral degree in the group of Prof. A. D. Schlüter. Her doctoral thesis work revolved around efforts towards chemical synthesis of the belt region of fullerene C₈₄. After her doctoral studies, Mihaela moved to the group of Prof. H. K. Hall Jr. at the University of Arizona at Tucson (USA) to learn about polymers. After a one year stay in the USA, Mihaela returned to Zürich as a member of the Prof. Jay Siegel's group at the University of Zürich. In 2009, Mihaela received the Ambizione fellowship from the Swiss National Science Foundation. Under the mentorship of Prof. Siegel, Mihaela's research efforts at the University of Zürich were directed towards creating a research program focused on introducing the corannulene chemistry to the macromolecular science. The University of Zürich recognised Mihaela's research efforts in this direction by granting her the degree of 'Venia Legendi'. Since October 2014, Mihaela is a Nanyang Assistant Professor at NTU Singapore. Here, her group is investigating the utility of the corannulene motif for the preparation of functional soft materials.

Stay in touch!  

spmsodysseycomm@e.ntu.edu.sg



ODYSSEY
PROGRAMME