

Dear Applicant/Recent Graduate/Student:

Are you interested in participating in cutting-edge interdisciplinary research, strengthening your resume with professional and technical skills, and exploring the scientific and cultural diversity in Europe and North America? The graduate training program in *Scalable 2D-Materials Architectures (2D-MATURE)* may be the opportunity you're looking for!

Joining this program will place you on an interdisciplinary team of world-renowned researchers that span Chemical Engineering, Electrical Engineering, Mechanical Engineering, Chemistry and Physics. The research will take place at the University of Waterloo (UW), the University of Duisburg-Essen (UDE) and RWTH Aachen University and involves solving fundamental and application-oriented challenges that are associated with the scaling up of 2D-materials to enable next-generation devices. See [www.2D-mature.org](http://www.2D-mature.org) for more detailed information on specific projects and program requirements.

We are looking to admit our second cohort of approximately 24 PhD and 8 MASc students into the training program, with start dates as early as Spring/Fall 2025. The PhD positions are available at UW (11), UDE (13). The MASc positions are only available at UW.

Application deadline: December 15<sup>th</sup>, 2024

Application details can be found at [our website](#) or apply directly using our [application form](#)

The UW, UDE and RWTH Aachen University regard equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. As such, we encourage applications from women, Indigenous Persons (First Nations, Metis and Inuit), persons with disabilities, persons of all sexual and gender identities/expressions, and others who may contribute to the further diversification of ideas. In this program, you will have the opportunity to work across disciplines and collaborate with an international community of scholars and a diverse student body, situated in a rapidly growing community that has been termed a “hub of innovation”.

Regards,

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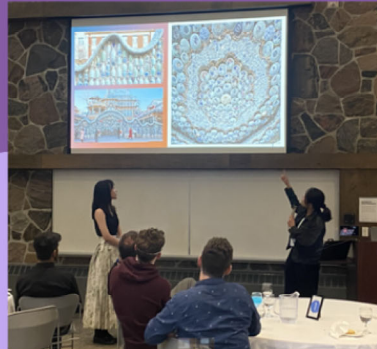
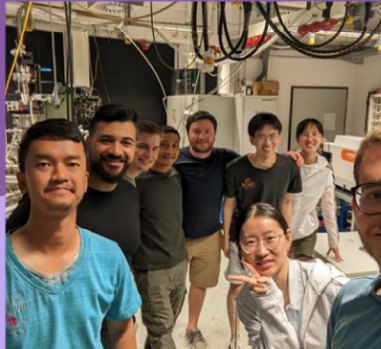
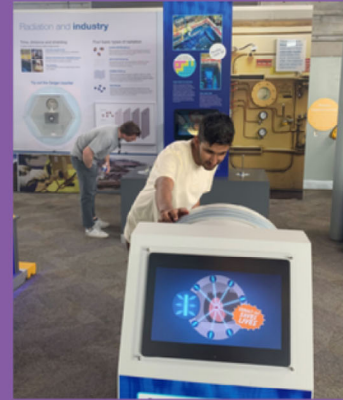
**2D-MATURE**

SCALABLE  
2D-MATERIALS  
ARCHITECTURES

UNIVERSITY OF  
WATERLOO

# 2D MATURE

**International Graduate Training Group**



## JOIN THE 2D MATURE GROUP TO:

- WORK AT THE FOREFRONT OF 2D MATERIALS RESEARCH
- GROW YOUR INTERNATIONAL NETWORK
- EXPLORE GERMANY AND EUROPE ON A MANDATORY EXCHANGE
- GAIN VALUABLE TECHNICAL AND NON-TECHNICAL SKILLS
- WORK WITH MULTIDISCIPLINARY TEAMS TO ADVANCE SUSTAINABLE TECHNOLOGIES

*Scan to learn more*



"2D-MATURE has been such a phenomenal experience for my MAsc.

Getting to attend the summer schools both in Germany and in Waterloo were essential for developing academic connections and friendships that will last well past the end of my time in the program. My time on exchange in Germany really helped advance my research and I would not be at the point I am without it. Overall, I could not have been happier being a part of this program."