

## Mainstreaming Lab Sustainability – MCN's Actions, Global Relevance, Shared Responsibility

### Dr. Tatiana Pinedo Rivera

Senior Process Engineer and Team Lead  
Melbourne Centre for Nanofabrication (MCN)

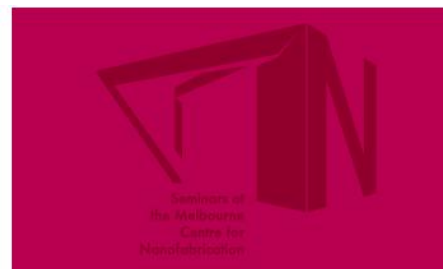
10:00am, 02/09/2025

Melbourne Centre for Nanofabrication

151 Wellington Road, Clayton, 3168

Zoom link: [click here](#)

Meeting ID: 854 9794 7277 and passcode: 690216



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**Abstract:** Scientific research is resource-intensive, but it doesn't have to be wasteful. At the Melbourne Centre for Nanofabrication (MCN), we are embedding sustainable lab practices into everyday operations. In this seminar, Dr Tatiana Pinedo Rivera will share how MCN is leading by example—raising awareness, rethinking workflows, reducing single-use materials, and fostering a culture of care. These efforts are part of a growing global movement to reimagine how science is conducted in the face of the climate and environmental crisis. The session will explore how individual actions, when supported by strong institutional leadership, can spark meaningful and lasting change. Participants will gain practical insight into sustainability principles, implementation strategies, and ways to bring these ideas back to their own labs—helping to build a more responsible, resilient research culture.



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### About the speaker:

Tatiana co-leads sustainability efforts at MCN and within the Australian National Fabrication Facility (ANFF) and was actively involved in the process of achieving the Green Level My Green Lab certification for MCN's cleanroom. Tatiana is the founder of the Labs Who Care Initiative and has founded and led the Environmental Expert Working Group within ANFF. She is also one of the co-founders and co-chair of the recent Lab Sustainability Group within ACTS (Australasian Campuses Towards Sustainability) and a 2024 ACTS Green Gown Award finalist.

Tatiana has shared her experiences and insights through presentations at Monash University, nationally across the Australian National Fabrication Facility network, and internationally through the University/Government/Industry Micro/Nanotechnology Symposium (UGIM) network. Her seminar will focus on how we can mainstream Lab Sustainability, how MCN is leading by example, why it matters globally, and how everyone is involved.