

PHYSICAL CHEMISTRY SEMINAR



Prof. Benjamin J Eggleton

Director

The University of Sydney Nano Institute

Monday, Feb. 1, 2021

4:00 PM

via Zoom

“Multidisciplinary (mission directed) research in nanotechnology at the University of Sydney”



Sydney Nano is a multidisciplinary initiative at the University of Sydney headquartered in the state-of-the-art Sydney Nanoscience Hub. Professor Eggleton will introduce and review the Sydney Nano academic framework, which emphasise collaborative mission directed projects that address major Grand Challenges in the life sciences, material science and quantum information. In the second part of the presentation Professor Eggleton will review research in his research group on nanophotonics and sensor fusion, with emphasis on novel Brillouin devices that exploit optoacoustic interactions to sense and process on chip.