

Meet the Nanoimager

the next-generation super-resolution microscope

TUESDAY 20 AUGUST 11AM – 12PM

University of Adelaide

Room NG27

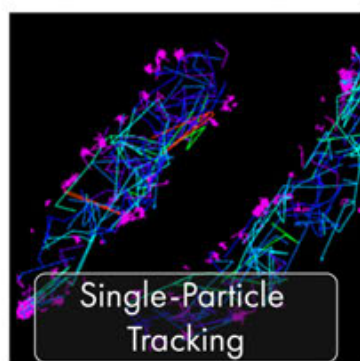
Helen Mayo North Building

RESERVE YOUR SEAT

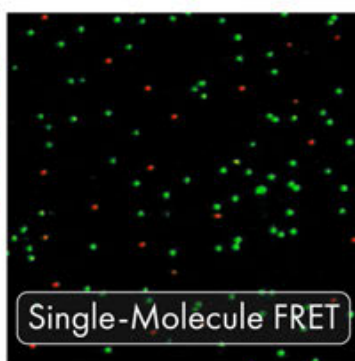
For more details contact
Jane.Sibbons@adelaide.edu.au



Learn how your research can benefit from super-resolution microscopy



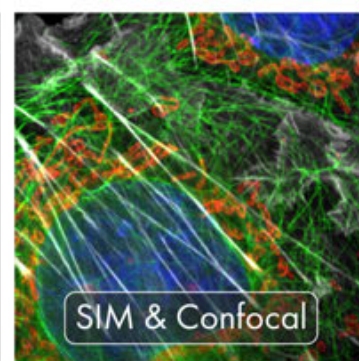
Single-Particle
Tracking



Single-Molecule FRET



dSTORM & PALM



SIM & Confocal

ONi has created the world's first desktop super-resolution microscope for single-molecule imaging. The Nanoimager is a compact and affordable state-of-the-art microscope, offering quantitative analysis super-resolution microscopy (SIM, dSTORM and PALM), single-particle tracking, confocal imaging and single-molecule FRET. The Nanoimager provides unrivalled stability and flexibility to work in any lab environment, there is no need for a dark room or optical table. It can even be used inside a biosafety cabinet.

With its high sensitivity and integrated workflow, the Nanoimager is helping researchers address a wide range of biological questions, from characterising protein complexes to localising and tracking single molecules, vesicles or viral particles.

Dr. Ana Raquel Pereira - Applications Specialist

Raquel has a Ph.D. from ITQB-UNL in Portugal where she refined super-resolution microscopy techniques for studying the antibiotic resistance of MRSA. With expertise in several fields of microscopy she helps researchers to use super-resolution microscopy to solve unanswered biological problems.



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