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Abstracts due 13th Oct 2021
Registrations close 15th Nov 2021

The ASB conference is going HYBRID

29th Nov - 1st Dec 2021
School of Physics, The University of Melbourne

We are looking forward to welcoming you in person and on zoom to hear about the latest biophysics research in Australia at this year's ASB meeting that will be hybrid in delivery

PLENARY Wawrick Bowen (UQ)

Using quantum technologies to improve biological imaging: Raman microscopy beyond the shot noise limit.

Kate Poole // University of NSW, Sydney
Force sensing via ion channels in mammalian cells

Matthew Simpson // QUT, Brisbane
Understanding tumour spheroid experiments using techniques from data science and mathematical modelling

Nick Ariotti // University of NSW, Sydney
The application of cryo-correlative light and electron microscopy to model HIV disassembly during infection.

Shelley Wickham // University of Sydney, Sydney
DNA Origami – building hierarchical complexity and lipid-interactions.

Nam-Trung Nguyen // Griffith University, Brisbane
Cell stretching for early disease diagnosis

INVITED

Gail McConnell // University of Strathclyde, Scotland
Optical mesoscopy with the Mesolens

Donna Whelan // Latrobe University, Melbourne
Applications of a multi-modal microscope in human anatomy, genomic structure, and art

Andrew Clayton // Swinburne University, Melbourne
Dynamics of molecules and cells revealed with periodic forcing

Scott Berry // University of NSW, Sydney
Analog and digital modes of gene regulation

AWARDS

Young biophysicist awards, Abstract selected talk awards, Poster awards, and many more prizes to be won, including the best microscopy image

Coherent
SCIENTIFIC

OLYMPUS

Get In
Touch



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 **NewSpec**

Lastek
Photonics Technology Solutions

ZEISS

Nikon

 **PICOQUANT**