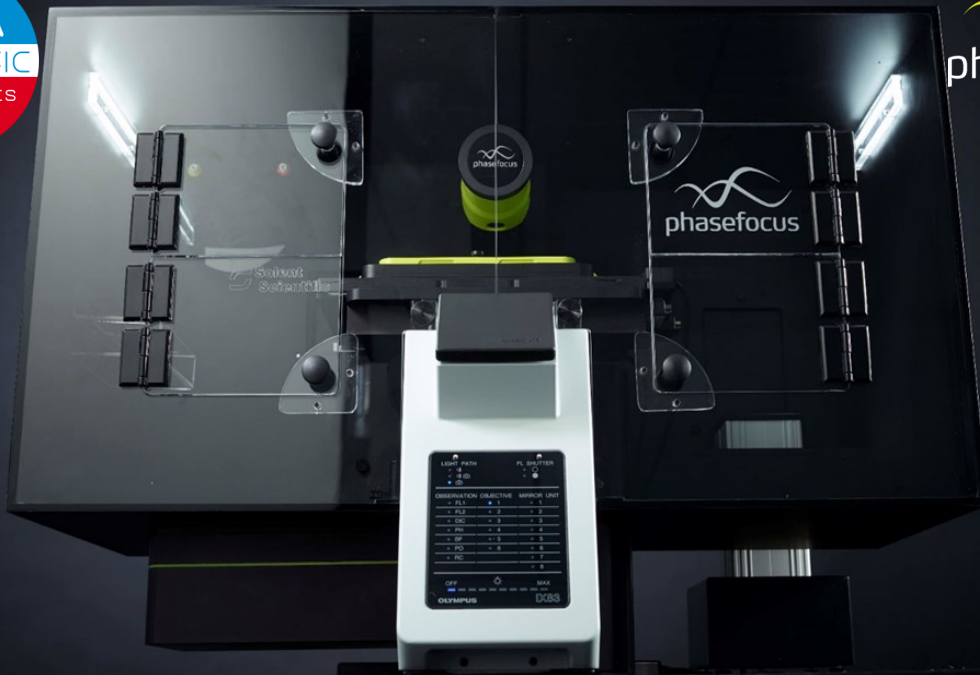


You are invited to attend this free seminar



Livecyte: Label-free live cell analysis
A New Modality

WHEN: Monday 19th Nov 2018 **TIME:** 10.30am to 11.30am

WHERE: ANU, JCSMR Seminar rm 2 (Refreshments will be served)

The Challenges of Live Cell Imaging

The biggest challenge for many live cell researchers is to characterise individual cells without impacting their behaviour through the act of monitoring them. Whilst the use of fluorescent labels allows both cells and cellular functions to be visualised, the levels of illumination needed to excite the fluorophores can alter innate properties of cells, with the associated cytotoxicity limiting the scope, duration and integrity of any experiment. This seminar will discuss the new modality of Ptychographic QPI, a label-free technique, which exploits the inherent contrast of cellular components to create high contrast images under low levels of light intensity, and allows individual cells to be tracked and monitored over longer periods of time.

REGISTER:

To attend or for further information call Peter Davis, Applications Specialist,

T: 02 9541 3500 or email pdavis@atascientific.com.au

RSVP: 16 November 2018