

Frontiers in Microscopy & Microanalysis

Electron Beam Lithography Workshop

2nd October 2018/ AIBN L1:

13:00 – 13:15 Welcome/Intro – *Elliot Cheng/ Roger Wepf*

13:15 – 13:45 **Christopher Baker**

Probing Superfluid Physics with Optical Microresonators
Engineered Quantum Systems EQUS, SMP, UQ

13:45 – 14:00 **Daniel Szombati**

Fabricating Superconducting Qubits with Long Coherence Times
EQUS, SMP, UQ

14:00 – 14:15 **Elliot Cheng**

Introducing Raith EBLPG 5150, a Fully Automated EBL System
Centre for Microscopy & Microanalysis, UQ

14:15 – 14:45 **Tea & CMM tour** (pre-booking via RSVP)

Please RSVP to Elliot Cheng (h.cheng6@uq.edu.au)

14:45 - 15:15 **Idriss Blakey**

Frontiers in Materials Research for Nanolithography
AIBN, UQ

15:15 – 15:30 **ZiBin Chen**

Microanalysis for Photonic, Plasmonic and Semiconductor Devices
Scitek Australia Pty Ltd

15:30 – 15:45 **Rachpon Kaira**

A Computer Based on Nano-Mechanical Vibrations
EQUS, UQ

15:45 – 16:00 **Break**

16:00 – 16:45 **Nit Taksatorn**

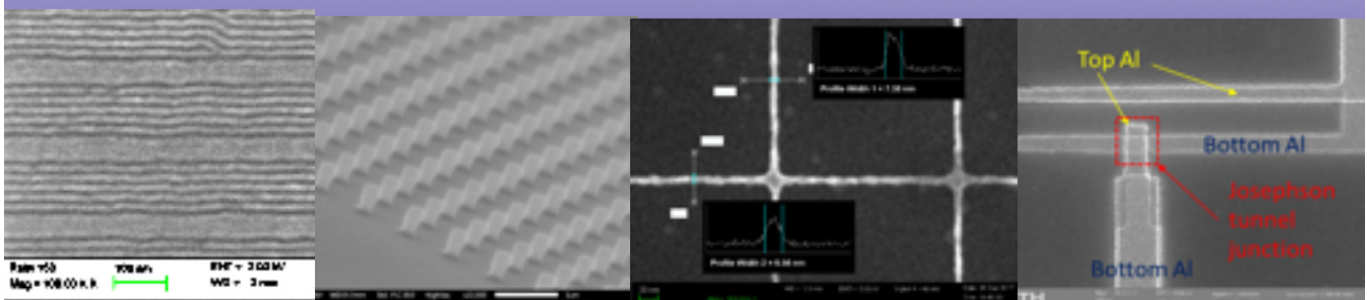
GenISys software package plus Q&A
GenISYS GmbH

16:45 – 17:00 **Christiaan Bekker**

Stress Engineered Double Disk Electro-Opto-mechanical Systems
for Broadband Wavelength Tuning
School of Mathematics and Physics, UQ



The University of Queensland
AIBN #75 Level 1; Seminar Room



Software training: GenISys Beamer, 3-4th October
(9am to 5pm, Building 49, Room 313A, by invitation only)