



Software solutions for
optimizing micro & nano
fabrication processes



First Australia BEAMeeting

BEAMeeting Brisbane 2023

Technical Workshop & Discussion



Time: Tuesday, April 11th, 2023 9:00 – 16:00 (AEST)
7:00 – 14:00 (CST/SST)

Wednesday, April 12th, 2023 9:00 – 12:30 (AEST)
7:00 – 10:30 (CST/SST)

Location: University of Queensland – Room 46-230, Andrew N. Liveris Building, St. Lucia
Online via TEAMS (access data will be sent after registration shortly before BEAMeeting)

Organizers: GenISys GmbH, CMM (UQ), ANFF-VIC(MCN, RMIT-MNRF), RPF(USYD), ANFF-ACT(ANU)

BEAMeetings are a technical exchange platform for the direct write community focused on e-Beam and laser lithography, data-preparation, PEC, process correction, lithography simulation, and metrology. It is a platform for BEAMER users and those who are interested in GenISys software.

As in the past, it is a great opportunity to meet with the GenISys team, have face to face in-depth discussions, exchange ideas and position your needs and wishes. On top of standard BEAMER/TRACER/LAB, this year we would like to emphasize ProSEM, our full metrology solution for the microscopy team of nano fabrication center.

Please save the date in your calendar and register our BEAMeeting:

On-Site in Brisbane – [REGISTER here](#)
Online via TEAMS – [REGISTER here](#)

or visit our Homepage for the details: [BEAMeeting Brisbane April 2023](#).

The BEAMeeting is free of charge. Please feel free to share this information with interested colleagues who may wish to join the BEAMeeting.

Please do not hesitate to contact us (marketing@genisys-gmbh.com) if you have any questions or any suggestions.

We are looking forward to presenting you with an interesting and valuable workshop!

Thank you,
The GenISys Team

Australia BEAMeeting Agenda 2023

Tuesday, April 11th		
UQ	Opening & housekeeping	09:30
Nezih Unal GenISys	GenISys update & opening	09:40
Angela Tanesha Archer Materials Ltd	Carbon-based quantum computing device fabrication	10:00
Morning Tea		10:30
Daniel Peace UQ	Design and fabrication of low loss photonic devices for quantum information	11:00
Nit Taksatorn GenISys	LAB 3D gray scale e-beam simulation	11:30
Lunch		12:00
Wendy Lee MCN	Plasmonic T-resonators	13:00
Michael Stuibler MCN	Determination of beam blur	13:30
Walter Wasserman UQ	Nanofabrication of optomechanics	14:00
User Workshop (Q&A)		14:30
Sven Bauerdick GenISys	ProSEM update & roadmap	16:30
Thomas Michels GenISys	BEAMER update & roadmap	17:00
Wednesday, April 12nd		
Nit Taksatorn GenISys	Second day opening	09:00
Prof. Tom Stace Analogue Quantum Circuits Pty Ltd	Australia's first superconducting quantum startup	09:10
Nit Taksatorn GenISys	HIMT laser 3D gray scale correction	09:40
Eric He UQ	Superconducting quantum device	10:10
Morning Tea		10:40
Duk Choi ANU	Fabrication of optical meta-surfaces	11:10
Khorso Kamali ANU	Silicon nanofabrication	11:40
Jamie Low/Vijay Sivan RMIT	FBMS in waveguide applications	12:10
ANFF & CMM Lab tour		13:30