



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

	Tuesday, April 11th	Start
UQ	Opening & housekeeping	09:00
Nezih Unal GenISys	GenISys update & opening	09:10
Invited Talk	T1	09:30
Daniel Peace UQ	Design and fabrication of low loss photonic devices for quantum information	10:00
	Morning Tea	10:30
USYD	T3	11:10
GenISys	LAB 3D gray scale e-beam simulation	11:40
	Lunch	12:10
Duk Choi ANU	TBA	13:30
Wendy Lee / Michael Stuiber MCN	Plasmonic T-resonators and determination of beam blur	14:00
Walter Wasserman UQ	Nanofabrication for optomechanics	14:30
Invited Talk	T4	15:00
	Afternoon Tea	15:30
Sven Bauerdick GenISys	ProSEM update & roadmap	16:00
Thomas Michels GenISys	BEAMER update & roadmap	16:30
	ANFF & CMM Lab Tours & Social Event	17:00
	Wednesday, April 12th	
Nit Taksatorn GenISys	Second day opening	09:00
Invited Talk	ProSEM batch mode analysis	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
Monash	T10	11:10
UMel/USYD	T11	11:40
Jamie Low / Vijay Sivan RMIT	FBMS in waveguide applications	12:10
	End	12:30