

# Raith Expert Workshop and Skill Day

## Agenda

**Date and Time:** December, 7-8 2022 – 12:00  
**Venue:** Radisson Blue Hotel  
An der Buschmühle 1,  
44139 Dortmund, Germany  
An online access will be distributed to registered participants



12:00 – 13:30	<b>Check-in, get together and light lunch</b>
13:30 – 13:45	<b>Welcome note (start online broadcasting)</b> Dirk Brüggemann / Wilfried Menzel, Raith GmbH, Dortmund
13:45 – 14:45	<b>Atomic layer deposition as an enabling nanotechnology (and how it can contribute to lithography)</b> Prof. W.M.N. (Erwin) Kessels, Dept Applied Physics, Eindhoven University of Technology, NL
14:45 – 15:00	<b>Global update Raith Group</b> Dirk Brüggemann, Raith GmbH, Dortmund
15:00 – 15:30	<b>Coffee break</b>
15:30 – 16:00	<b>News from Raith process technology team: new suppliers for HSQ resist – experience at Raith</b> Axel Rudzinski, Raith GmbH, Dortmund
16:00 – 16:30	<b>Metrology and process control of EBL results</b> Guido Piaszenski, Raith GmbH, Dortmund
16:30 – 17:00	<b>Upgrading an eLine Plus for the next level of deterministic in-situ EBL and low-temperature cathodoluminescence spectroscopy in the age of optical quantum technologies</b> Sven Rodt, Technical University Berlin (online)
17:00 – 17:45	<b>Fabrication strategies: how we match tools and techniques to a sample design</b> Mario Hentschel, 4. Physikalisches Institut, Stuttgart University
17:45 – 18:00	<b>EBPG for GaAs diode laser fabrication</b> Sammata Poojitha, Ferdinand Braun Institute, Berlin – (end online broadcasting)
18:00 – 19:30	<b>Break – refresh, or drinks at the bar</b> (Raith experts will be on site and available for consultations)
19:30	<b>Dinner</b>

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### Beams Group (EBPG)

9:00 – 10:00	<b>Software Update</b> Bas Ketelaars, Thomas Verduin, Raith
10:00 – 10:30	<b>Beamer news for EBPG</b> GenlSys
10:30 – 11:00	<b>EBPG Tutorial: Chirped Grating</b> Bas Ketelaars, Raith
11:00 – 11:30	<b>Break</b>
11:30 – 11:45	<b>Service / Support news</b> Bert Maes, Raith
11:45 – 12:30	<b>Firebird</b> Christiaan Zonneville, Raith
12:30 – 13:00	<b>Using Beamer Phyton module for AV/VR applications; Algorithmic metalense patterning with high throughput and high precision</b> Janine Wilbers, Raith
13:00 – 13:30	<b>Open Forum / or EBPG user contributions</b>
13:30 – 14:00	<b>Both groups: Feedback &amp; suggestions for next meetings agenda, Set date next meeting</b>
14:00 – 15:00	<b>Lunch (registration required)</b>

User contribution format: please submit up to half page of problem description and solution or what was tried to tackle the problem. Pictures and sketches will be appreciated.

Your challenge is our mission.

[www.raith.com](http://www.raith.com)

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### Nanosuite Group (VOYAGER, eLINE Plus...)

9:00 – 9:30	<b>Nanosuite latest release news, upgrade paths</b> Martin Rasche, Raith
10:00 – 10:05	<b>Automation of DFB laser fabrication using MBMS</b> Jana Münchenberger, Raith
10:05 – 10:40	<b>Algorithmic patterning - pushing accuracy and throughput</b> Christoph Aulbach, Raith
10:40 – 11:00	<b>Service / support news</b> Achim Vaut, Raith
11:00 – 11:30	<b>Break</b>
11:30 – 12:00	<b>User contribution – please submit</b>
12:00 – 12:30	<b>Tutorial <i>ErgoFlow</i></b> Kevin Burcham, Raith America (online)
12:30 – 13:30	<b>Open Forum</b>
13:30 – 14:00	<b>Both groups: Feedback &amp; suggestions for next meetings agenda, Set date next meeting</b>
14:00 – 15:00	<b>Lunch (registration required)</b>

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