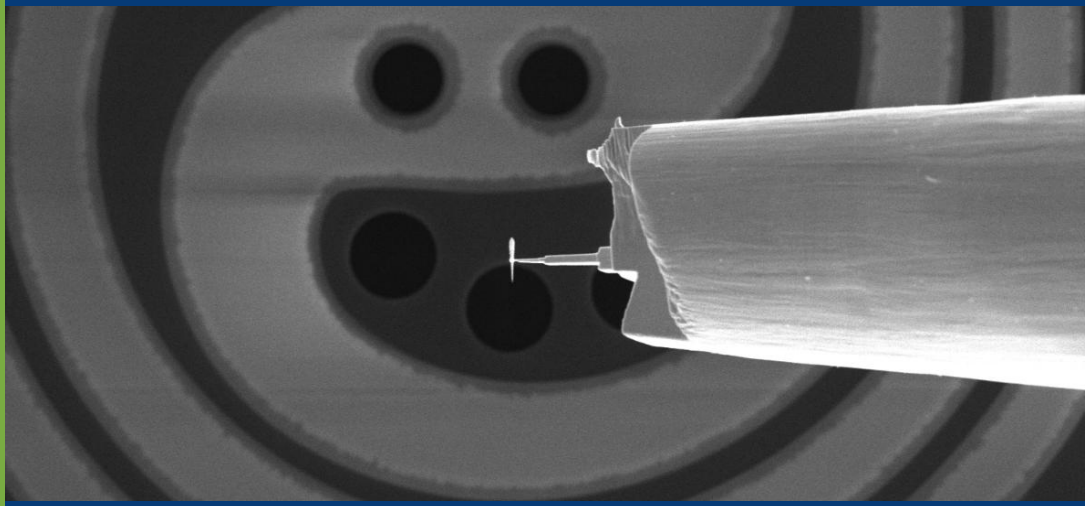
joint RIANA and EU-FIB.net
TRAINING SCHOOL

Development and Application of Focused Ion Beams

16 - 19 NOVEMBER 2026



Ernst Ruska-Centre
Forschungszentrum Jülich, Germany

Practical information

01 ACCOMMODATION

a&o Hostel Aachen · near Aachen main station

Hackländerstraße 5, 52064 Aachen, Germany
Tel. +49 241 64 307 3300

Check-in from 15:00 · Check-out before 10:00

Towels, bed linen, Wi-Fi and breakfast included.

Smoking and alcohol consumption are prohibited at the hostel.

02 SHUTTLE & MEALS

To FZJ: 08:00 AM · Return: 05:30 PM

Coffee breaks in building 05.13 and lunches at the FZJ canteen are included.

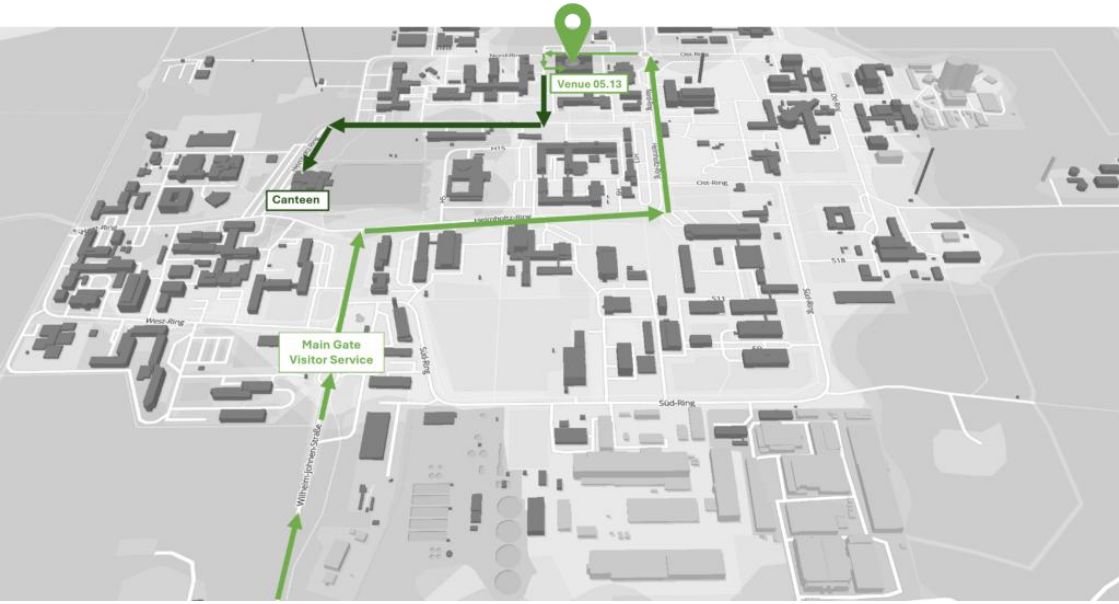
03 CAMPUS ACCESS

Collect your guest ID at the main gate on day 1. Keep it for the full event and wear it visibly. Security must scan it each time you enter or leave campus.

BRING A VALID PASSPORT OR ID CARD EVERY DAY

Taxis stop at the main gate.
Allow 10-15 minutes to walk to building 05.13.

Campus map



MAIN GATE / VISITOR SERVICE

On day 1, collect your guest ID here. If you arrive individually, follow the green route to building 05.13.

LUNCH AT THE CANTEEN

Follow the dark green route from the venue.

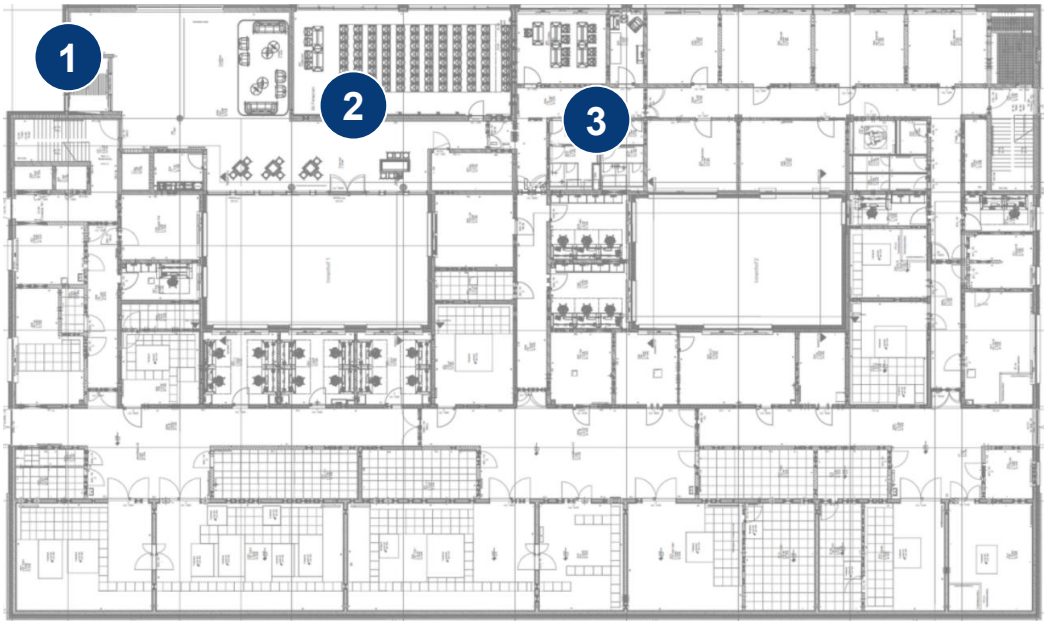
Monday / Tuesday

Time	Monday, 16 Nov	Tuesday, 17 Nov
08:00–09:00	Shuttle: A&O Hostel Aachen → FZJ	Shuttle: A&O Hostel Aachen → FZJ
09:00–10:30	LECTURE 1 Ion–solid interactions, BCA & simulation methods M. Ghorbani-Asl (HZDR)	LECTURE 3 Charged particle optics with ions F. Houdellier (CEMES-CNRS)
10:30–11:00	Coffee break	Coffee break
11:00–12:30	LECTURE 2 FIB instrumentation G. Hlawacek (HZDR)	LECTURE 4 3D tomography with EBSD and EDX J. Donoghue (Univ. Manchester)
12:30–13:30	Lunch (FZJ canteen)	Lunch (FZJ canteen)
13:30–17:00	HANDS-ON SESSION 1	HANDS-ON SESSION 2
17:00–17:30	Daily wrap-up / Q&A	Daily wrap-up / Q&A
17:30	Shuttle: FZJ → A&O Hostel Aachen	Shuttle: FZJ → A&O Hostel Aachen

Wednesday / Thursday

Time	Wednesday, 18 Nov	Thursday, 19 Nov
08:00–09:00	Shuttle: A&O Hostel Aachen → FZJ	Shuttle: A&O Hostel Aachen → FZJ
09:00–10:30	LECTURE 5 FIB for Life Sciences: Current applications and challenges G. Weiss (Univ. Zürich)	RIANA Accessing European research infrastructures overview + proposal-writing course M. Lipinska-Chwalek, Y. Lu, R. Yang
10:30–11:00	Coffee break	Coffee break
11:00–12:30	LECTURE 6 Cellular sample preparation for the FIB: targeting, correlation and lift-out E. Zagoriy (FZJ)	LECTURE 7 FIB-based SIMS & analytical methods T. Wirtz (LIST Luxembourg)
12:30–13:30	Lunch (FZJ canteen)	Certificates & closing remarks 13:00 Farewell lunch (FZJ canteen)
13:30–17:00	HANDS-ON SESSION 3	14:00 FZJ Campus Tour
17:00–17:30	Daily wrap-up / Q&A	
17:30	Shuttle: FZJ → A&O Hostel Aachen	Shuttle: FZJ → A&O Hostel Aachen

Floorplan



1 **Entrance / meeting point**

2 **Lecture room 2001**

3 **Toilets**

Please follow the on-site briefing for laboratory locations and practical-session meeting points.

MONDAY-WEDNESDAY · 13:30-17:00

Hands-on training

A selection of these options will be offered each day, depending on instrument availability.

BIO-GaFIB	**Lamella preparation of plunge-frozen biological samples on GaFIB-SEM**	Pia Sundermeyer
BIO-PFIB	**Lamella preparation of high-pressure-frozen biological samples on PFIB-SEM**	Iris von der Hocht
MAT-EBSD	**EBSD characterization of materials on PFIB-SEM**	Lidia Kibkalo · Rene de Kloe
MAT-APT	**Atom probe needle preparation on GaFIB-SEM**	Lea Risters · Ivan Povstugar · Julia Thives
UHV-NS	**Demonstration of a UHV ion-beam system equipped with three different ion sources**	Expert: t.b.a.

Group assignments: please follow the on-site briefing.

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RIANA

SEE YOU AT THE FIB

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SCAN FOR THE WEBSITE

Programme updates, travel information and contacts

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