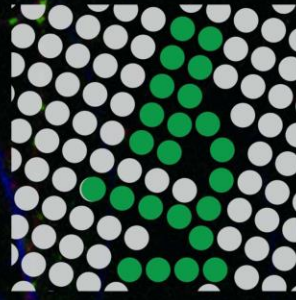
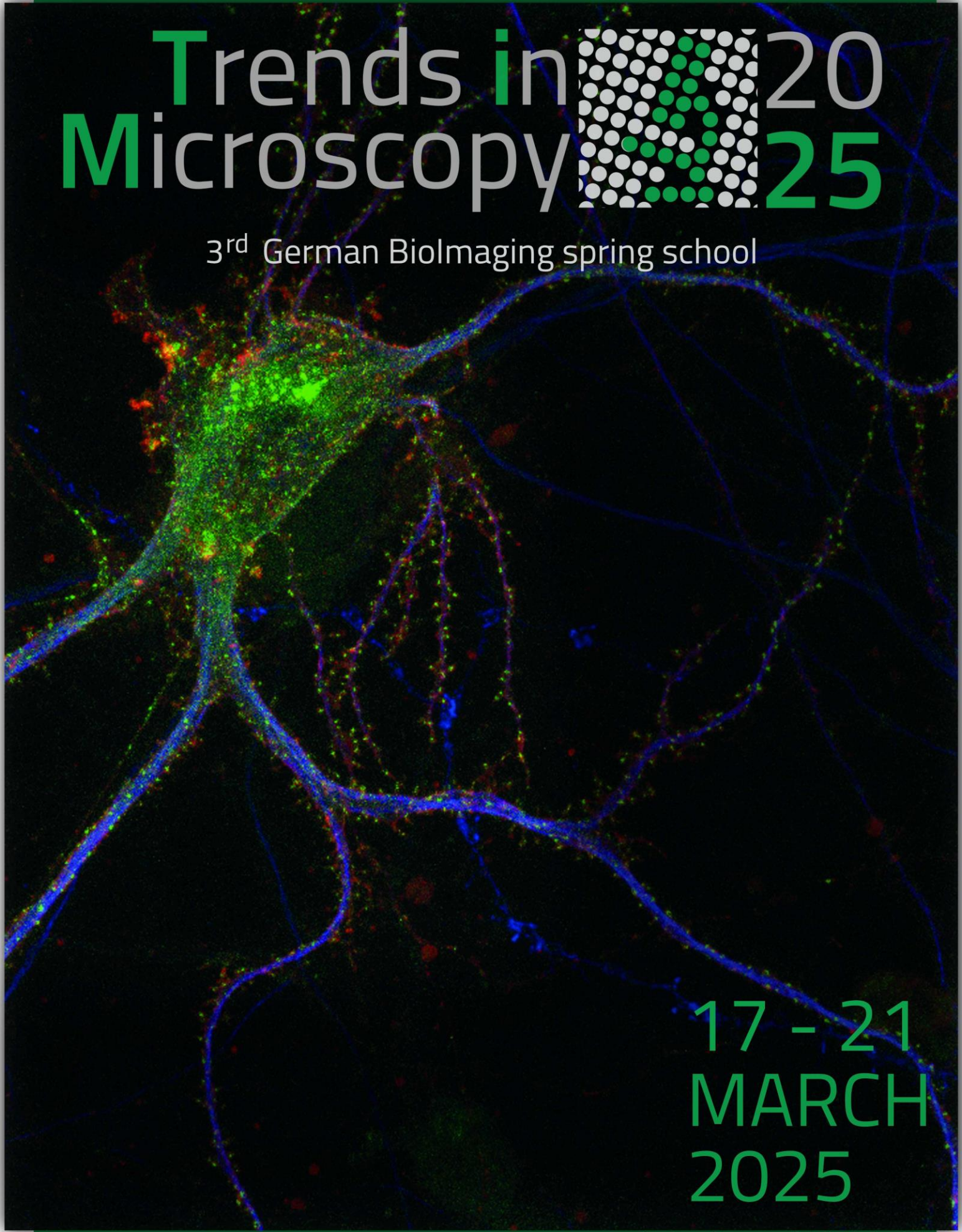


# Trends in Microscopy



# 20 25

3<sup>rd</sup> German BiImaging spring school



17 - 21  
MARCH  
2025

Barbara Biermann & Julia Vedyashkin



Supported by



Deutsche  
Forschungsgemeinschaft

Organized by



German  
BiImaging  
Gesellschaft für Mikroskopie und Bildanalyse



# Program

## Overview

	Sunday 16. 03	Monday 17. 03	Tuesday 18. 03	Wednesday 19. 03	Thursday 20. 03	Friday 21. 03	
7:30-9:00		Arrival & Check-in	Breakfast (or guests sleeping at Albgut)				
9:00-12:00		from 12:30: fingerfood	Workshop 3	Workshop 5	Workshop 7	Workshop 9	
12:00-12:30			Break				12:00: Anna Kreshuk & Closing
12:30-14:00		13:30: Opening & RDM intro	Lunch (for everybody)				13:30: Lunch bags & departure
14:00-15:00		Ali Ertürk	Matthew Hartley	Serge Monneret	Siân Culley		
15:00-15:30		Small announcements & flash talks				company & instrument wrap up	
15:30-18:30	for earlier arrivals from 16:00-18:00: Check-in	Workshop 1	Workshop 4	GerBI afternoon & Young Scientist Talks Rita Strack	Workshop 8		
18:30-19:00		Break					
19:00-20:30		Dinner (for everybody)					
20:30- open end		Workshop 2	Mayeul Collot Poster Session	Workshop 6	Round table discussion		

<span style="display:inline-block; width:20px; height:10px; background-color:#4CAF50;"></span> Workshops	<span style="display:inline-block; width:20px; height:10px; background-color:#FFC107;"></span> Social program
<span style="display:inline-block; width:20px; height:10px; background-color:#9FA8DA;"></span> Invited speakers	<span style="display:inline-block; width:20px; height:10px; background-color:#E0E0E0;"></span> Meals

Coffee, tea and small snacks are provided during the coffee breaks in the workshop locations. The workshop providers will determine the best time for the breaks during their workshops.



### Sunday, 16.3.2025

Registration and check-in on Sunday are from 14:00 – 19:00 in “Alte Schmiede”. In case of a late arrival, contact the office phone (+49 151 42028016). There is no organized catering for this day, our catering starts on Monday with breakfast for those sleeping at Albgut. There is a [restaurant at Albgut](#) (open until 17:00 on Sunday). Alternatively, you're more than welcome to bring your own dinner and join us at 19:00 at Württemberg Palais for a casual pre-conference get-together. We'll also have a selection of buttered and non-buttered pretzels available for everyone to enjoy!



## Monday, 17.3.2025

8:30 – 10:00	Breakfast <i>for participants sleeping at Albgut</i>	BT 10
from 10:00	Registration & check-in	Alte Schmiede
from 12:00	Lunch <i>pretzels and pizza snacks</i>	Württemberg Palais
13:30 - 14:10	Welcome to TiM2025 and intro to research data management strategy <i>TiM2025 organization team</i>	Württemberg Palais
14:10 – 15:00	Decoding Diseases in 3D: Integrating Tissue Clearing, Omics, and Deep Learning for Unbiased Cellular Mapping <i>Ali Ertürk, Helmholtz Zentrum München</i>	Württemberg Palais
15:00 – 15:30	Coffee break	Württemberg Palais
15:30 – 18:30	Workshops	All locations
18:30 – 20:30	Dinner <i>Feel free to arrive for dinner between 18:30-19:30</i>	BT 10
20:30 – open end	Workshops	All locations





Tuesday, 18.3.2025

7:30 – 9:00	Breakfast <i>for participants sleeping at Albgut</i>	BT 10
9:00 – 12:00	Workshops	All locations
12:00 – 14:00	Lunch <i>Feel free to arrive for lunch between 12:00 -13:15</i>	BT 10
13:00 – 13:45	Moving break	Pavillon
14:00 – 14:50	Global image data sharing from molecules to organisms <i>Matthew Hartley, EMBL-EBI, BioImage Archive</i>	Württemberg Palais
14:50 – 15:00	Flashtalks Leica & Argolight	Württemberg Palais
15:00 – 15:30	Coffee break	Württemberg Palais
15:30 – 18:30	Workshops	All locations
18:30 – 20:00	Dinner <i>Feel free to arrive for dinner between 18:30-19:15</i>	BT 10
20:00 – 20:50	Conjuring Apollo's curse through directed photo-induced oxidation <i>Mayeul Collot, Université de Strasbourg</i>	Württemberg Palais
20:50 – open end	Poster Session & Drinks	Württemberg Palais



Wednesday, 19.3.2025

7:30 – 9:00	Breakfast <i>for participants sleeping at Albgut</i>	BT 10
9:00 – 12:00	Workshops	All locations
12:00 – 14:00	Lunch <i>Feel free to arrive for lunch between 12:00 – 13:15</i>	BT10
13:00 – 13:45	Moving break	Pavillon
14:00 – 14:50	Label-free, quantitative phase imaging using wavefront analysis <i>Serge Monneret, Aix Marseille Université</i>	Württemberg Palais
14:50 – 15:00	Flashtalk Bruker & NanoTag Biotechnologies	Württemberg Palais
15:00 – 15:40	<p>Young Scientist Talks</p> <p>Visualizing multimerization of plasticity-related gene 5 at the plasma membrane using FLIM-FRET <i>Franziska Köper, University of Oldenburg, Germany</i></p> <p>Unveiling Stem Cell Dynamics in Mouse Incisor Renewal Through 4D Live Imaging. <i>Elias Shahin, University of Jerusalem, Israel</i></p> <p>Accurate cell size determination of rod-shaped bacteria based on fluorescent membrane segmentation <i>Octavio Reyes-Matte, MPI for Evolutionary Biology, Plön, Germany</i></p>	Württemberg Palais



15:40 – 16:30	A career as a professional scientific editor <i>Rita Strack, Nature Methods</i>	Württemberg Palais
16:30 – 17:00	Coffee break	Württemberg Palais
17:00 – 17:15	GerBI at a glance <i>Stefanie Weidtkamp-Peters, Janina Hanne</i>	Württemberg Palais
17:15 -17:30	The Imaging Platform at the Leibniz-Zentrum für Archäologie: a core facility to visualize the human past <i>Ivan Calandra, Leibniz-Zentrum für Archäologie, Mainz, Germany</i>	Württemberg Palais
17:30 – 17:55	20 years of structuring the French biological imaging community <i>Serge Monneret, Aix Marseille Université</i>	Württemberg Palais
17:55 – 19:00	Panel discussion "Sustainability in Microscopy" <ul style="list-style-type: none"> <li>· <i>Erin Tranfield, VIB Bioimaging Core Ghent</i></li> <li>· <i>Herbert Schaden, speaker GerBI Team Industry and Zeiss microscopy</i></li> <li>· <i>Michel Royeck, DFG</i></li> <li>· <i>Rita Strack, Nature Methods</i></li> <li>· <i>Peter Boor, University Hospital RWTH Aachen</i></li> </ul>	Württemberg Palais
19:00 – 20:30	Dinner <i>Feel free to arrive for dinner between 18:30-19:30</i>	BT 10
20:30 – open end	Workshops	All locations



Thursday, 20.3.2025

7:30 – 9:00	Breakfast <i>for participants sleeping at Albgut</i>	BT10
9:00 – 12:00	Workshops	All locations
12:00 – 14:00	Lunch <i>Feel free to arrive for lunch between 12:00 – 13:15</i>	BT10
13:00 – 13:45	Moving break	Pavillon
14:00 – 14:50	The good, the bad and the ugly in fluorescence microscopy. <i>Sïan Culley, King's College London, UK</i>	Württemberg Palais
14:50 – 14:55	Flashtalk Excelitas PCO GmbH	Württemberg Palais
15:00	Group picture	Württemberg Palais
15:10 – 15:30	Coffee break	Württemberg Palais
15:30 – 18:30	Workshops	All locations
18:30 – 20:30	Dinner <i>Feel free to arrive for dinner between 18:30-19:30</i>	BT 10
20:30 – open end	Round table scientific discussion in fluorescence atmosphere	Württemberg Palais





Friday, 21.3.2025

7:30 – 9:00	Breakfast <i>for participants sleeping at Albgut</i>	BT 10
9:00 – 12:00	Workshops	All locations
12:15 – 13:05	Accessible machine learning for microscopy <i>Anna Kreshuk, EMBL Heidelberg, Germany</i>	Württemberg Palais
13:05 – 13:30	Closing remarks	Württemberg Palais
from 13:30	Lunch-bags and departure	Württemberg Palais
13:45	Shuttle bus to Stuttgart Main Station	Behind Württemberg Palais