

## Pathology: Opportunities for Newcomers in Science



LESSER-LOEWE-FOUNDATION e.V.

### Timetable THURSDAY – 28 SEPTEMBER 2023

09.00 - 09.45	<b>REGISTRATION &amp; OPENING CEREMONY</b> <i>Prof. Dr. Brochhausen-Delius, Prof. Dr. Michael Neumaier</i>
09.45 - 12.00	<b>SESSION 1: ARTIFICIAL INTELLIGENCE</b>
09.45 - 10.15	<i>Dr. Peter Schardt (Siemens Healthineers)</i> The role of AI in the integrated diagnostics of the future
10.15 - 10.45	<i>Bettina Finzel (University Bamberg)</i> Explainable Artificial Intelligence for Digital Pathology - Are We There Yet?
10.45 - 11.00	<b>BREAK</b>
11.00 - 11.30	<i>Prof. Dr. Vincent Heuveline (University Heidelberg)</i> Research Data and Supercomputer: the hidden link towards AI and digital twins for medicine
11.30 - 12.00	<i>Dr. Máté E. Maros (University Heidelberg)</i> Do we still need pathology for brain tumor classification or are AI and neuroimaging enough?
12.00 - 13.00	<b>LUNCH BREAK</b>
13.00 - 13.45	<b>POSTER PRESENTATIONS IN EXHIBITION HALL</b>
13.45 - 16.00	<b>SESSION 2: MODERN PATHOLOGY</b>
13.45 - 14.15	<i>Prof. Dr. Frederick Klauschen (LMU Munich)</i> Histomorphology and molecular profiling - Artificial intelligence in tumor pathology
14.15 - 14.45	<i>Leeat Keren (Weizmann Institute of Science, Israel)</i> Multiplexed imaging for molecular pathology - challenges and opportunities
14.45 - 15.00	<b>BREAK</b>
15.00 - 15.30	<i>Prof. Dr. Philipp Ströbel (University Göttingen)</i> Digital pathology in diagnostic care - a field report
15.30 - 16.00	<i>PD Dr. Yuri Tolkach (University Hospital Cologne)</i> Digital pathology and artificial intelligence - Innovative approaches for uropathology
18.00	<b>NETWORKING EVENING EVENT</b> Join us for some regional specialities and have a nice chat.

### Timetable FRIDAY – 29 SEPTEMBER 2023

09.00 - 11.30	<b>SESSION 3: BIOBANKING   ARTIFICIAL INTELLIGENCE</b>
09.00 - 09.30	<i>Prof. Dr. Udo Kruschwitz (University Regensburg)</i> Natural Language Processing - it's never been more exciting than today
09.30 - 10.00	<i>Prof. Dr. Jens Habermann (General Director BBMRI-ERIC)</i> Modern developments in biobanking
10.00 - 11.00	<b>POSTER PRESENTATIONS IN EXHIBITION HALL &amp; BREAK</b>
11.00 - 11.30	<i>Prof. Dr. Carolyn Compton (Arizona State University, USA)</i> Biobanking - Quality matters
11.30 - 11.45	<b>CLOSING CEREMONY AND POSTER PRICE CEREMONY</b> <i>Prof. Dr. Christoph Brochhausen-Delius, Dennis Vermeulen, Philipp Kainz</i>
11.45 - 13.00	<b>LUNCH BREAK</b>
13.00 - 16.00	<b>WORKSHOPS</b>
	<b>Workshop 1:</b> <i>Dennis Vermeulen (PreciPoint GmbH), Philipp Kainz (KML Vision)</i> Enhancing Digital Pathology with AI - How to realize synergies between hardware and software in your workflow
	<b>Workshop 2:</b> <i>Dr. Volker Bruns (Fraunhofer IIS), Dr. Michaela Benz (Fraunhofer IIS)</i> MICAI@ - the AI multitool for researching digital pathologists



An application for CME points is submitted.

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