

Session Program

Oct 20 - 22, 2025



5th Science Workshop of the Program MML

Parallel: Life (RT3)

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal
Englerstraße 11, 76131 Karlsruhe

Tue, October 21

11:00 AM

Parallel: Life (RT3)

Session |

Location: Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

11:00 - 11:15 Gas phase SAXS of protein complexes using our MS SPIDOC platform

Speaker

Thomas Kierspel

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

11:15 - 11:30 3D brain tissue imaging using Compton microscopy

Speaker

Margarita Zakharova

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

11:30 - 11:45 Novel sample delivery for cryo-electron microscopy

Speakers

Kevin Janson, Madeline Memovich

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

11:45 - 12:00 REGAE or HiPhaX drug screening

Speaker

Alke Meents

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

12:00 - 12:15 Photolyase

Speakers

Bjarne Klopprogge, Esther Lange

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

12:15 - 12:30 HZB 1 - tba

Speaker

Frank Lennartz

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

12:30 - 13:30 Lunch Break

13:30 - 13:45 HZB 2 - tba

Speaker

Laila Benz

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

13:45 - 14:00

HZB 3 - tba**Speaker**

Michael Dhyr

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

14:00 - 14:15

Eye tumor therapy**Speaker**

HZB

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

14:15 - 14:30

Towards Serial Computed Tomography of Small Organisms**Speaker**

Tomas Farago

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

14:30 - 14:45

An AI-Supported Large Scale Morphological Study: The Medaka Inbred Kiyosu-Karlsruhe Repository**Speaker**

Xiaoying Tan

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

14:45 - 15:00

Integrating Synchrotron X-ray Imaging and DNA Sequencing of Insects**Speaker**

Cristina Vaslita

Location

Karlsruhe Institute of Technology, Johann-Gottfried-Tulla-Hörsaal, Englerstraße 11, 76131 Karlsruhe

3:00 PM