



Registrations Fees

Rates are listed for students / regular attendees (academic institutes) / companies. The seat for the workshop is only guaranteed if payment or at least proof of payment is received no later than the due date specified for the individual rates.

Early bird rate: 895 Euro / 1195 Euro / 1895 Euro
Registration until October 19, 2020
Payment until October 29, 2020

Reduced rate: 995 Euro / 1295 Euro / 1995 Euro
Registration until November 30, 2020
Payment until December 10, 2020

Regular rate: 1095 Euro / 1395 Euro / 2095 Euro
Registration after November 30, 2020
Payment due on January 8, 2021

The registration fee includes:

- handout materials
- lunch, dinner and coffee breaks for all workshop days
- all costs for tracer, contrast agents, animals, etc., needed during the workshop

Methods of payment:

- Credit card (+ 5% Credit card fee)
- Wiring

Cancellation fees:

Cancellation by October 30, 2020: 50 €
+ potential costs for transfer/wiring

Cancellation by December 11, 2020: 150 €
+ potential costs for transfer/wiring

Cancellation after December 11, 2020: 250 €
+ potential costs for transfer/wiring

Cancellation after January 8, 2021:
The full registration fee will be due.

PLEASE NOTE: large portions of the workshop are held in radiation areas, where access for pregnant women is not permitted!

Event Details

Session times

09:00 am – 18:00 pm: sessions in small groups
19:00 pm – 22:00 pm: hands-on training (voluntarily)

Accommodation & Transportation

Hotels can be found on our web page: www.isct.uni-tuebingen.de/wsic under "Teaching->Workshop"

More Information

For registration and further information please visit our website (www.isct.uni-tuebingen.de/wsic) or contact Mrs. Herbon by email

Werner Siemens Imaging Center

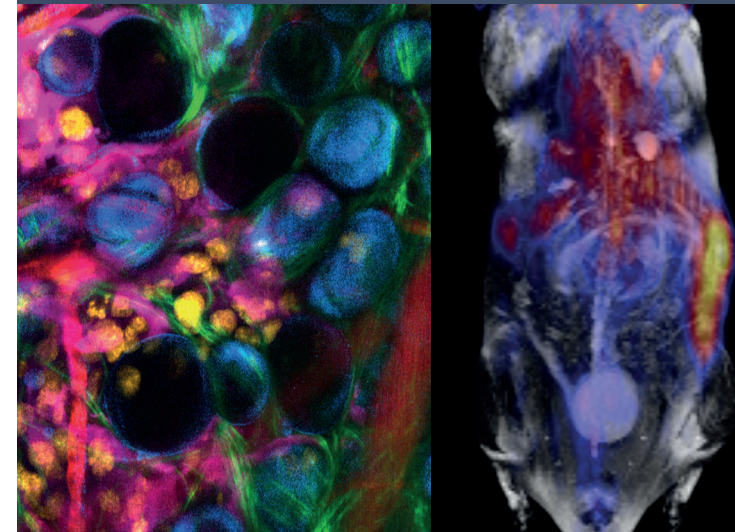
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Department of Preclinical
Imaging and Radiopharmacy

15th SMALL ANIMAL IMAGING WORKSHOP

Jan 25 – 29, 2021



EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



Universitätsklinikum
Tübingen

Invitation

Our small animal imaging workshop provides an overview on state-of-the-art small animal imaging modalities including PET, SPECT, 7 Tesla MRI, hyperpolarized imaging, intravital microscopy, fluorescence and bioluminescence optical imaging. A major focus will be on hands-on-training rather than on lectures; each attendee will have the opportunity to work with animals and the different imaging modalities. After the introductory lectures, we will establish smaller groups working on the different modalities based on a "rotation principle" (the program on the next page shows an exemplary agenda for one group).

Furthermore, in collaboration with the COST action COMULIS (Correlated Multimodal Imaging in Life Sciences), we are happy to offer travel stipends for our workshop. COMULIS is an EU-funded COST Action that aims at fueling urgently needed collaborations in the field of correlated multimodal imaging. Please visit <https://www.comulis.eu/small-animal-imaging-workshop> for further information on travel stipend eligibility.

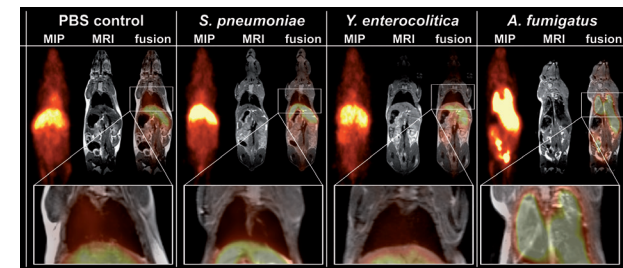
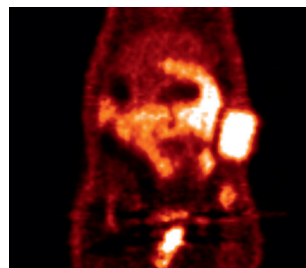
We are very glad that we can offer the 15th hands-on driven Small Animal Imaging Workshop in Tübingen. Both, individuals with experience in small animal imaging as well as beginners are welcome to join this workshop.

We are looking forward to welcoming you to Tübingen in January 2021.

Julia Mannheim, PhD

Topics

- Animal handling
- PET
- CT
- SPECT
- 7 T MRI
- Optical imaging
- Autoradiography, biodistribution, gamma counter
- Image analysis
- Hyperpolarized imaging
- Simultaneous PET/MRI
- MR spectroscopy
- Intravital microscopy



Program

(Example for one Group)

Monday

- 09:00 Registration & Welcome Snack
- 10:00 Small Animal Multimodal Imaging I
- 12:00 Lunch
- 13:00 Lecture: Small Animal Multimodal Imaging II
- 15:00 Lecture: Small Animal Multimodal Imaging III
- 16:00 Lecture: Radiation Safety
- 16:30 Practice: Animal Handling
- 18:30 Dinner

Tuesday

- 09:00 **PET**
 - Scan protocol & setup
 - Phantom scan
 - Dynamic F-18 scan
- 11:30 Lunch
- 12:30 **PET**
 - Dynamic C-11 scan
 - Image analysis
- 15:30 **Intravital Microscopy**
 - Multi-photon microscopy
 - Light-Sheet microscopy
- 18:00 Break/Dinner
- 19:00 Individual Hands-on-Training (voluntarily)

Wednesday

- 09:00 **CT**
 - Scan protocol & setup
 - Phantom scans
 - Contrast agent pre & post injection
- 11:30 Lunch
- 12:30 **SPECT**
 - Scan protocol & setup
 - Phantom scans
 - *In vivo* Tc99m scan
- 15:30 **Optical Imaging**
 - Fluorescence *in vivo* & *ex vivo* imaging
 - Bioluminescence *in vivo* & *ex vivo* imaging
- 18:00 Break/Dinner
- 19:00 Individual Hands-on-Training (voluntarily)

Thursday

- 09:00 **7 T MRI**
 - Scan protocol & setup
 - Anatomical scans
- 11:30 Lunch
- 12:30 **7 T MRI**
 - Contrast agent
 - Simultaneous PET/MRI
- 15:30 **Lab Methods**
 - Cryosectioning
 - Autoradiography
 - Biodistribution
- 18:00 Break/Dinner
- 19:00 Individual Hands-on-Training (voluntarily)

Friday

- 09:00 MR Spectroscopy & Hyperpolarizer
 - *In vivo* spectroscopy
 - Preparation of ¹³C-labelled substrates
 - *In vivo* scans upon injection of polarized substrates
- 11:30 Lunch
- End of Workshop



German Society of Nuclear Medicine



World Molecular Imaging Society



Correlated Multimodal Imaging in Life Sciences



European Society for Molecular Imaging