

2d Multi-scale Imaging for the Study of Reproduction

Summer school 2019 June 17-20 – Nouzilly, France

The aim of the summer school Multiscale Imaging for the Study of Animal Reproduction is to train young scientists in the field of animal reproduction to various imaging techniques from subcellular to whole animal levels. This school is dedicated to non-specialists in imaging techniques and aims to provide a broad knowledge on imaging techniques and their application for the study of animal reproduction. Participants will have the opportunity to get in-depth knowledge about specific imaging techniques by interacting with speakers.

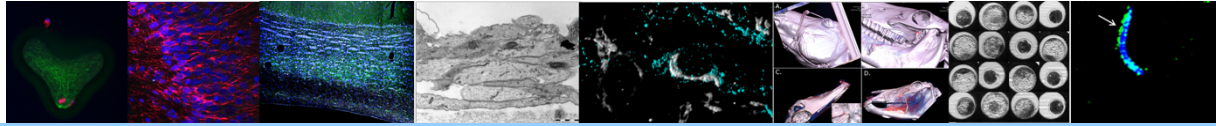
The school will provide theoretical training through seminar sessions given by experimented scientists in the morning and practical demonstrations in the afternoon.

The summer school aims to provide a stimulating training opportunity for young scientists (doc and post-doc).

The participants are encouraged to **present a poster** on their current work and to highlight the imaging aspects of their research. Posters sessions will be organized between theoretical and practical sessions.

Provisional List of speakers/demonstrators:

Speaker	Function	Area of interest
Hans ADRIANSEN (INRA)	Engineer MRI	MRI
Marie-Claire BLACHE (INRA)	Assistant Engineer in microscopy and image analysis	Microscopy and image analysis
Xavier CAYLA (INRA)	Research fellow in cell signaling Head of Cellular Imaging Facility	Microscopy and image analysis
Elodie CHAILLOU (INRA)	Research fellow in neurobiology and behavior	Animal behavior, neuroanatomy, MRI
Xavier DRUART (INRA)	Engineer in biotechnology	Sperm imaging
Anne DUITTOZ (University of Tours)	Professor in animal physiology	Neuroendocrinology, neurons imaging
Renaud FLEUROT (INRA)	Technician in microscopy and image analysis	Cellular imaging, microscopy, image analysis
Daniel LE BOURHIS (ALLICE)	Engineer in biotechnology	Embryo development
Scott LOVE (INRA)	Research fellow in MRI	MRI
Jean-Yves RAMEL (University of Tours)	Professor in Computing sciences	Image computing
Misha SAVIC (IMV)	Area Market manager	Sperm movement analysis
Clovis TAUBER (University of Tours)	Professor in Biostatistics	Image analysis



School local organization committee

Anne DUITTOZ
Xavier CAYLA
Xavier DRUART

Daniel LE BOURHIS
Elodie CHAILLOU
Scott LOVE

School application

! Free registration – free housing !

The school will be open to 16 applicants. No fees and no housing will be charged. However the school does not take charge of transportation to Tours.

To apply please provide:

- Curriculum vitae
- Motivation letter
- Support letter from a referee

And send to Prof Anne DUITTOZ : anne.duittoz@univ-tours.fr

School deadlines

Application: april 30 2019

Notification Acceptance: May 15th 2019

Location of School

Seminars and practical demos will be held in the INRA center Val de Loire, Nouzilly
<http://www.val-de-loire.inra.fr/en>

and at the Reproductive Physiology and Behaviors Research Unit

https://www6.val-de-loire.inra.fr/physiologie_reproduction_comportements_eng/

Participants will be accommodated in Tours (30km). Transfers will be operated by buses (free).

School financial support

