



Lectures (IBS Seminar room)

- 09:40 "Study of microalgae using multiple cutting-edge single-cell imaging techniques"
Johan Decelle (BIG)
- 09:00 "X-Ray tomography of neuronal tissue"
Tim Salditt (Göttingen University)
- 10:20 *Coffee break*
- 10:50 "Super-resolution microscopy for structural cell biology"
Christian Sieben (EPFL)
- 11:30 "Neutron tomography of the bone-implant interface"
Sophie LeCann (Université Paris-Est Créteil)
- 11:50 "Cryo X-ray nanotomography correlating structure and elemental content"
Peter Cloetens (ESRF)
- 12:10 "Cryo-Electron Tomography: Seeing is Believing"
Alister Burt (IBS)
- 12:30 *Lunch (not provided)*

Practicals

- 14:00-14:45 "Introduction of platforms" (CIBB seminar room)
- 15:00-17:00 Practical sessions in:
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|---|---------------------------------------|
| AFM (IBS) | M4D/Super-resolution microscopy (IBS) |
| CryoEM (EMBL) | Study of thin cell sections (IBS) |
| X-ray/neutron tomographic reconstruction (ESRF/ILL) | |

Please register (it's free) by: 15 March 2019

<https://workshops.ibs.fr/PSB/psb-spotlight-on-imaging>