

9th Course on Optical Microscopy Imaging for Biosciences

27 - 31 March, 2016, IBMC, Porto, Portugal

| Preliminary program | | | | | |
|---------------------|---|---|---|---|--------------------------------|
| | Monday 27 | Tuesday 28 | Wednesday 29 | Thursday 30 | Friday 31 |
| 09:00 | Registration and Reception | | | | |
| 09:30 | Light microscopy overview | Fluorescence Microscopy | Digital Image Analysis | Molecular imaging (FRAP, FRET, FLIM, FCS,...) | Project Labs (Data analysis) |
| 09:45 | | | | | |
| 10:00 | Light proprieties and image formation | Project Labs (Sample preparation) | Live Imaging | Super-resolution | |
| 10:15 | | | | | |
| 10:30 | | | | | |
| 10:45 | | | | | |
| 11:00 | Coffee break | Coffee break | Coffee break | Coffee break | Coffee break |
| 11:15 | | | | | |
| 11:30 | Cell sample preparation | Optical sectioning | Project Labs (Sample preparation) | Image analysis tools | Project Labs (Data analysis) |
| 11:45 | | | | | |
| 12:00 | Preparation of histological samples | | Project Labs (Sample preparation) | | |
| 12:15 | | | | | |
| 12:30 | | | | | |
| 12:45 | | | | | |
| 13:00 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:15 | | | | | |
| 13:30 | | | | | |
| 13:45 | | | | | |
| 14:00 | | | | | |
| 14:15 | | | | | |
| 14:30 | Optical Labs (Light proprieties, lens, reflection, refraction, diffraction, interference) | Microscopy Labs (optical contrasts, widefield, sim, confocal) | Microscopy Labs (optical contrasts, widefield, sim, confocal) | Project Labs (Data aquisition) | Project Labs (Data analysis) |
| 14:45 | | | | | |
| 15:00 | | | | | |
| 15:15 | | | | | |
| 15:30 | | | | | |
| 15:45 | | | | | |
| 16:00 | | | | | |
| 16:15 | | | | | |
| 16:30 | Break | Break | Break | Break | Break |
| 16:45 | | | | | |
| 17:00 | Optical Labs (Light proprieties, lens, reflection, refraction, diffraction, interference) | Microscopy Labs (optical contrasts, widefield, sim, confocal) | Microscopy Labs (optical contrasts, widefield, sim, confocal) | Project Labs (Data aquisition) | Troubleshooting and discussion |
| 17:15 | | | | | |
| 17:30 | | | | | |
| 17:45 | | | | | |
| 18:00 | | | | | |
| 18:15 | | | | | |
| 18:30 | | | | | |
| 18:45 | | | | | |
| 19:00 | | | | | |