

Lattice light sheet microscopy – innovations, applications and future directions

A workshop organized by the project RIAT-CZ.

Friday
January
11
2019

Lecturer: **Wesley Legant**

Wesley co-built the “original” lattice light sheet microscope in the lab of Eric Betzig at HHMI JF, and further adapted it for superresolution imaging.

He currently runs a lab at the University of North Carolina (<http://legantlab.org>) where he continues to among other things advance light sheet microscopy.

Having seen his talks before, I can say he gives very entertaining presentations and you can expect to see some – to be modest - very beautiful 3d pictures and movies of cellular and subcellular processes like you have never seen them before!

11.00

IMP Lecture hall

15:00

Informal over-coffee discussion with Wesley
IMBA Bridge

Some representative publications of Wesley in this direction include: Chen*, Legant*, et al, *Lattice light-sheet microscopy: imaging molecules to embryos at high spatiotemporal resolution*. Science 346:1257998 (2014); . Legant, et al, *High density three-dimensional localization microscopy*

