



3D Re^S/Volution

FIB-SEM and Lattice SIM Elyra 7



Highly resolved 3D cell exploration
at Imagerie-Gif

15th of december 2022

Gif/Yvette, B21 amphitheatre

13h30 **Welcome coffee**

14h00 **Sandrine Lécart**, Imagerie-Gif, I2BC, Introduction

14h10 **Christophe Depagne**, Zeiss, « How to run a nanometric scale tomography acquisition in life sciences using ZEISS crossbeam FIB-SEM »

14h30 **Johan Decelle**, LPVC, Grenoble, "Subcellular Imaging to reveal cellular interactions in the marine plankton"

15h00 **Allon Weiner**, Cimi, Sorbonne Université, Paris, "The pathogen host-interface studied by Correlative FIB-SEM"

15h30 **Michael Gué**, Zeiss, « Lattice illumination, a new perspective for microscopy »

16h00 **Antoine Legall**, CBS, Montpellier, "SIM imaging of bacterial DNA organization and segregation"

16h30 **Roxane Lestini**, LOB, Polytechnique, Palaiseau, "Study of replication dynamics in archaeal cells using SIM microscopy"

17h00 **Cocktail**

Contact : sandrine.lecart@i2bc.paris-saclay.fr