

# 3D visualization & analysis techniques in IMARIS

presented by Dr. Guergana Dontcheva

The background of the slide features several 3D visualizations of biological data. On the left, there's a cluster of green and blue spheres. In the center, a network of blue and red nodes is connected by yellow lines. On the right, there's a dense field of red and green spheres. The IMARIS logo is prominently displayed in the center, with the text '3D/4D Visualization & Analysis Software' below it.

**IMARIS**  
3D/4D Visualization & Analysis Software

**April 22-23, 2020**

Host: Max-Planck Institute for Experimental  
Medicine, Göttingen

## Wednesday, April 22

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- 9:00 - 10:00 Introduction to IMARIS: tools for 3D and 4D microscopy image analysis
- 10:00 - 10:30 Question and Answer session/Coffee break
- 10:30 - 12:00 Training session 1: Arena, Imaris File Converter, image visualization and processing
- 12:00 - 12:30 Lunch Break
- 12:30 - 14:00 Training session 2: Spots and surfaces
- 14:00 - 14:15 Coffee Break
- 14:15 - 15:00 Open question session

## Thursday, April 23

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- 10:30 - 12:00 Training session 3: Advanced techniques: Tracking and Masking
- 12:00 - 12:30 Lunch Break
- 12:30 - 14:00 Training session 4: Advanced techniques: Filament Tracer and Cell
- 14:00 - 14:15 Coffee Break
- 14:15 - 15:00 Open question session

To register for the training sessions and submit your own  
data for analysis, please contact

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