

# Outline

## I. Ultrafast 2D imaging

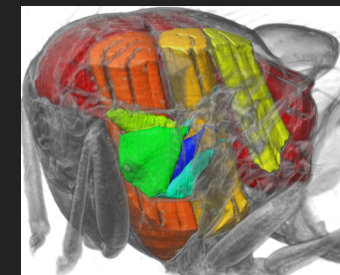
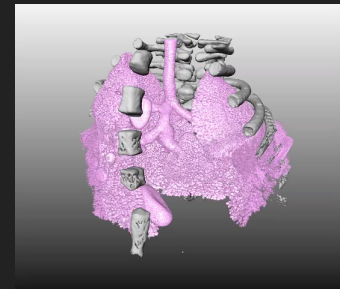
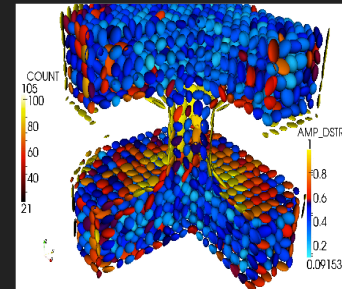
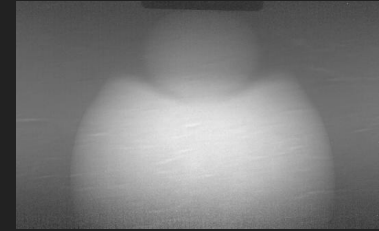
- I. Reaching MHz

## II. Fast 3D imaging

- I. Every 3 years one order of magnitude improvement
- II. Spatial resolution  $\sim 5\text{-}20\ \mu\text{m}$  at 20 (40) Hz
- III. Smart triggering and analysis tools will make the difference
- IV. New/ upgraded sources are expected to have an impact

## III. Examples

- I. More attention to use validated simulations





*Thank you!*