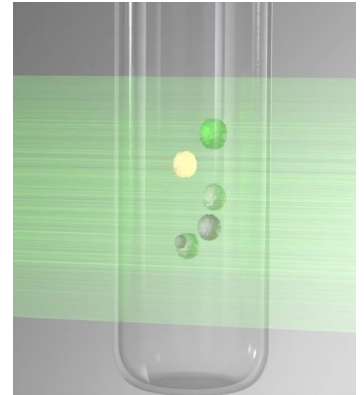


Adaptive and Context-Aware Volumetric Printing

Lucas Yi

- From Utrecht University (Levato Lab)
- Used stereolithography and a technique called Generative, Adaptive, Context-Aware 3D Printing (GRACE)
- Why cool?
 - Made combining 3D imaging, computer vision, and parametric modelling to be aware of different molecules in the resin.
 - Super fast, being able to have context awareness printing cm's in just seconds
 - Ex) Was able to automatically design and make blood vessels that maximized access to nutrients to every cell in the bioink



If interested: [findings](#) + [video](#)