

Linder Louis - Physics - master program, 2023-2024, Master Project autumn - Master project in Physics

Administrative note	
Title	Simplifying a 3D protist trajectory tracker
Summary	Simplify the device presented in the paper Drescher, K., Leptos, K. C., & Goldstein, R. E. (2009). How to track protists in three dimensions. Review of scientific instruments, 80(1). Two cameras film the trajectories of microorganisms swimming in a temperature controlled chamber. Then their 3D trajectories are reconstructed using computer vision.
Keywords	3D trajectory protists microscope
The teacher entered in the first position is responsible for the project	
Master Project supervisor	Ramirez-San-Juan Guillermina Rochelle
Assistant(s)	
School / business	
Place of the Master Project	EPFL
Start	18.09.2023
Handing-in date	19.01.2024
Exam date	
Time (hh:mm)	
Room	
External expert	