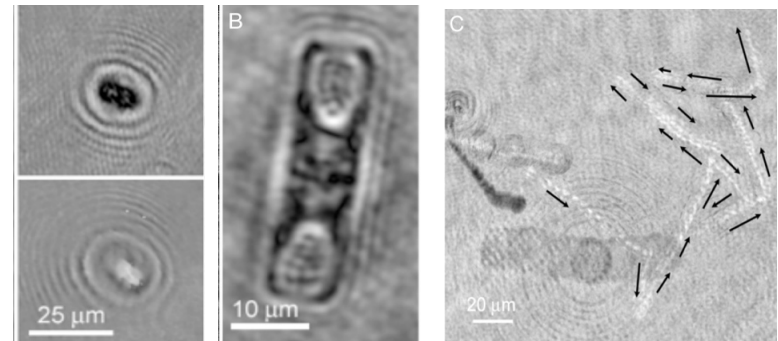
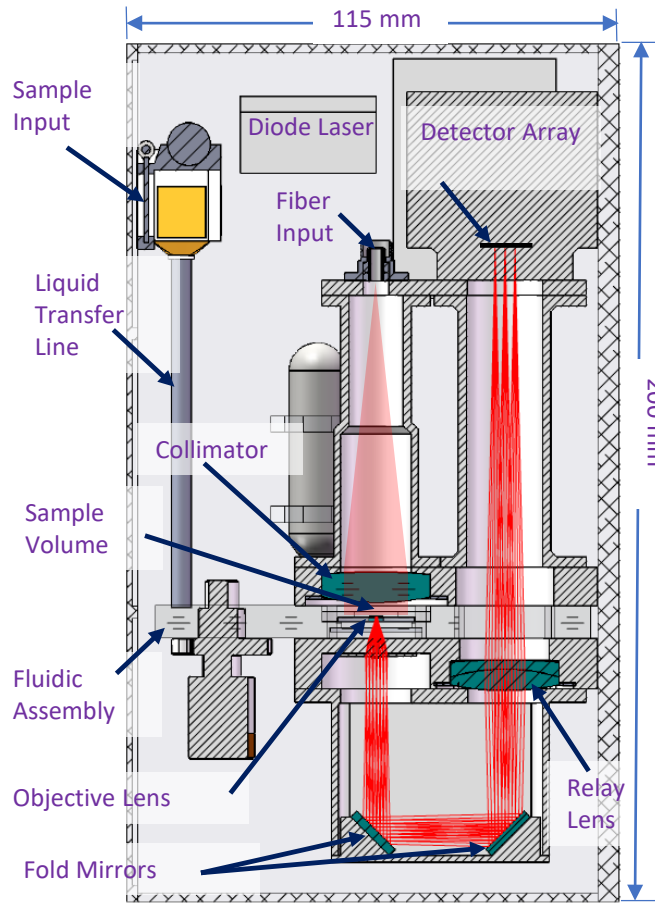
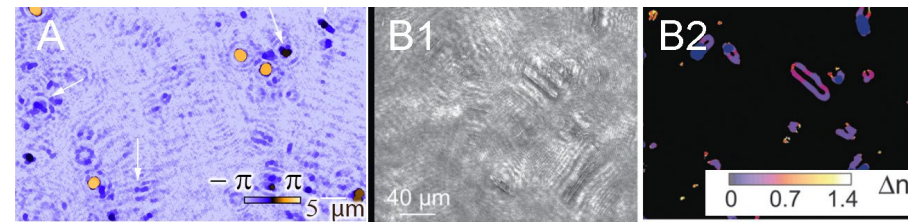


ISHMAEL: A microscope for life detection

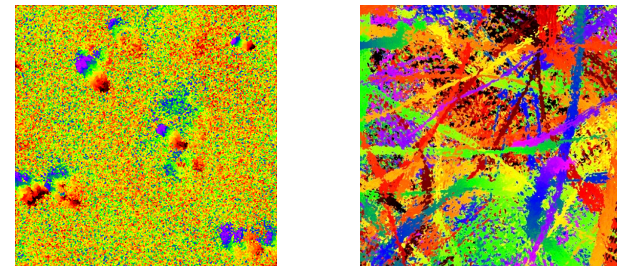
C. Lindensmith, et al
(JPL, Portland State, Caltech)



Detecting objects on scales 0.1 to ~100 μm



Measuring physical properties



On-board science pre-processing

Parameter	CBE
Mass (kg)	2.6
Volume (cm ³)	<2300
Energy (Wh)	150
Data Volume (Mbit)	100