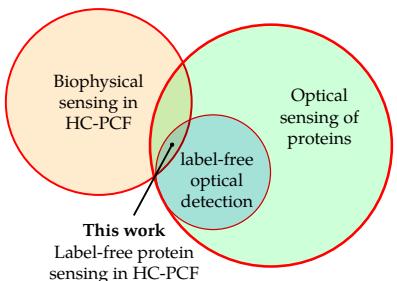


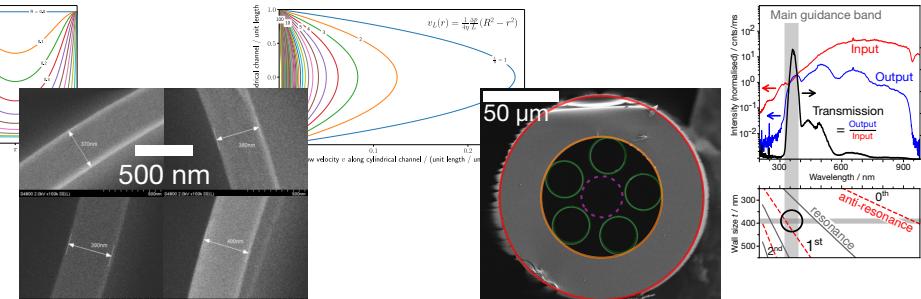
Chapter 1 Context

Literature review



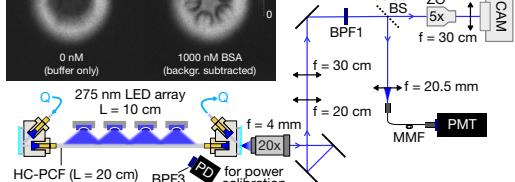
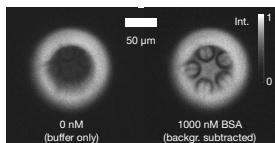
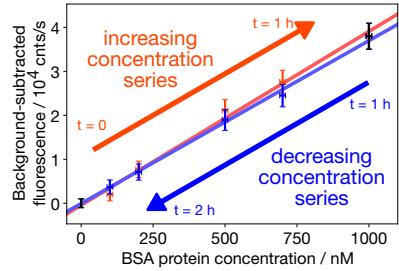
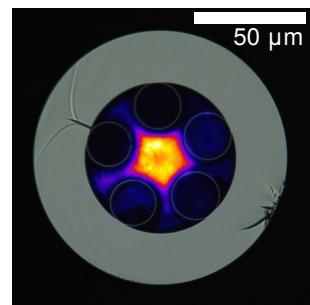
Chapter 2 Concepts

Theory & Background

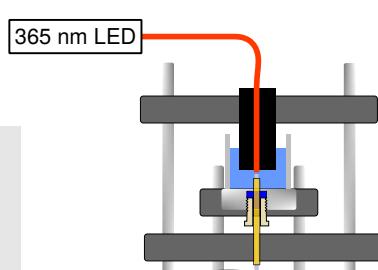
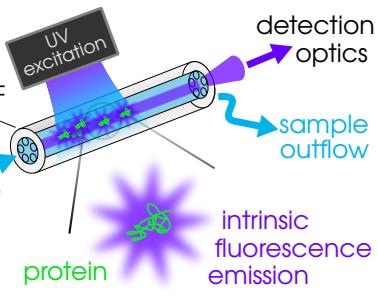


Chapter 3 Fluorescence

Intrinsic fluorescence of proteins in HC-PCF

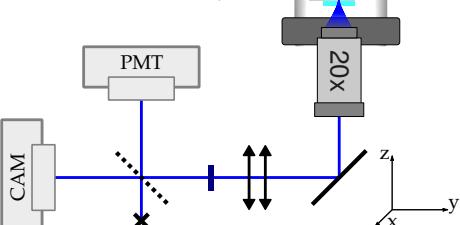
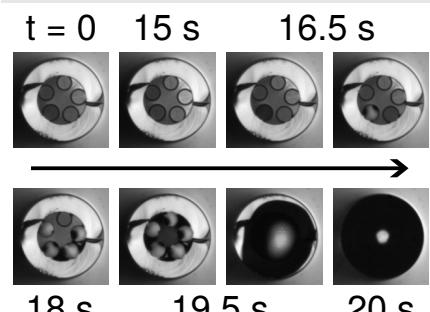


$\lambda = 365 \text{ nm}$ through 17 cm water



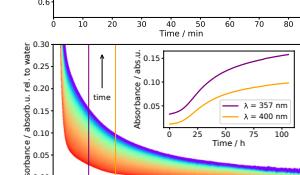
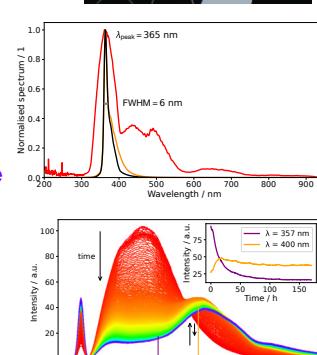
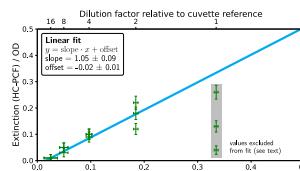
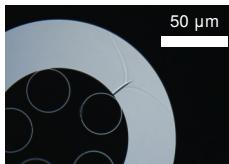
Chapter 5 Low-Volume

Filling HC-PCF with microlitre samples



Chapter 4 Extinction

Long-pathlength extinction in HC-PCF



Chapter 6 Aggregation

Protein aggregation monitored in HC-PCF

