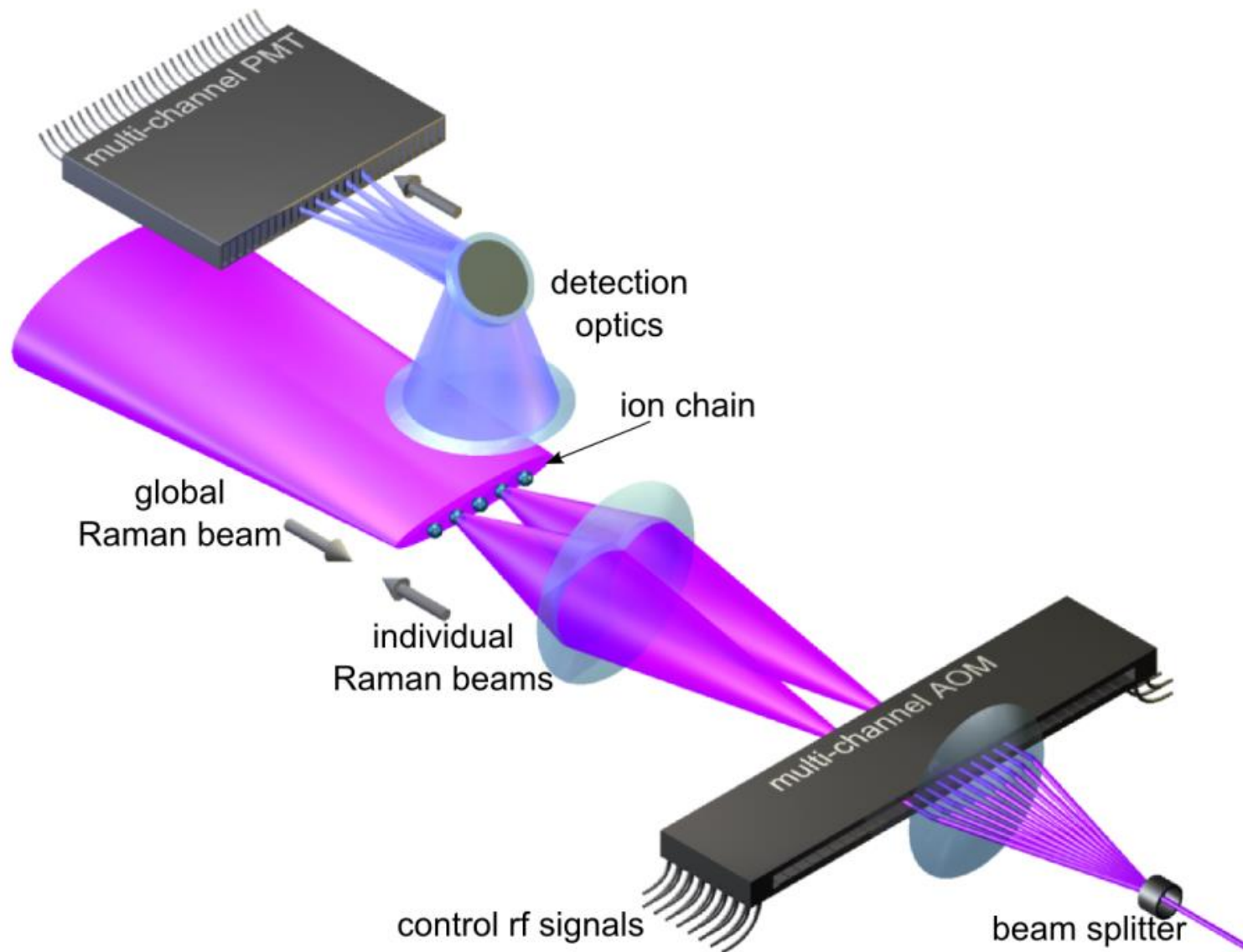


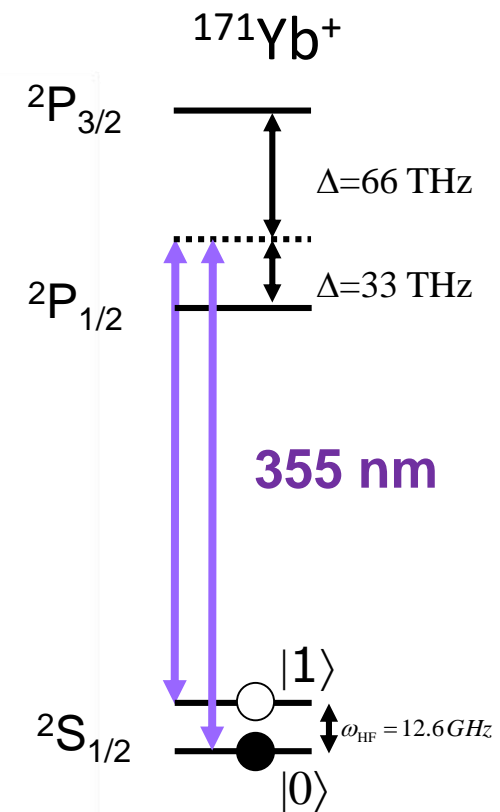
Gates Lab

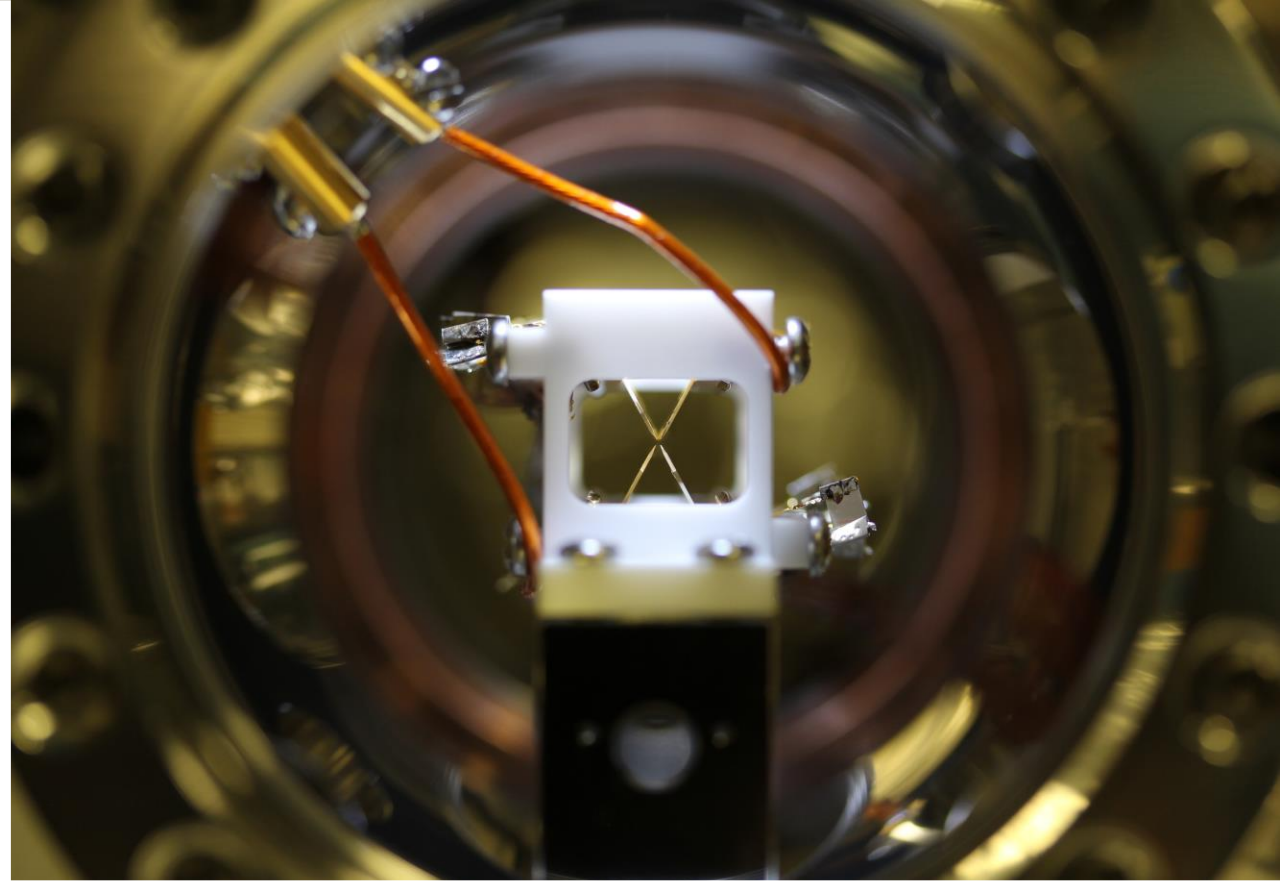
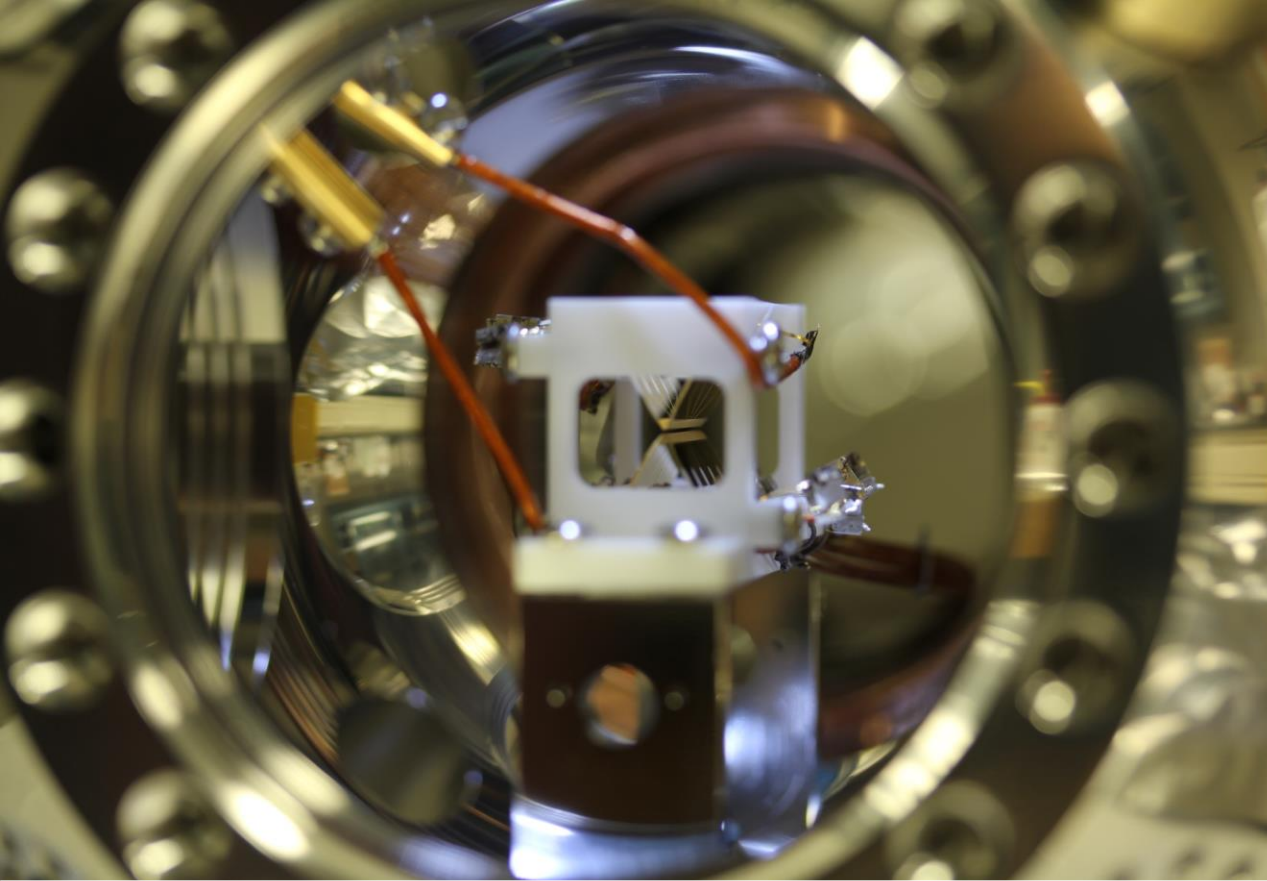
<https://linkelab.umd.edu/>

Experiment Setup

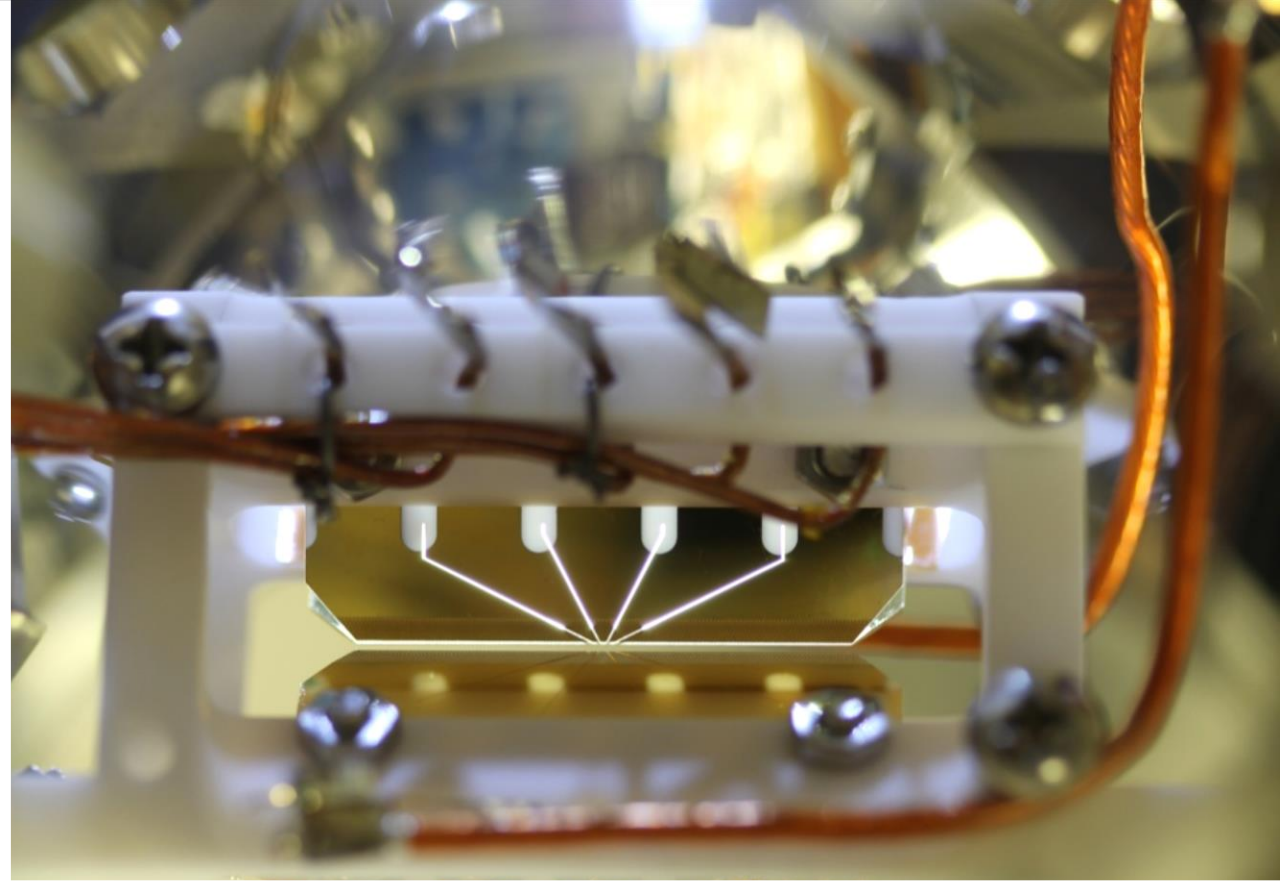
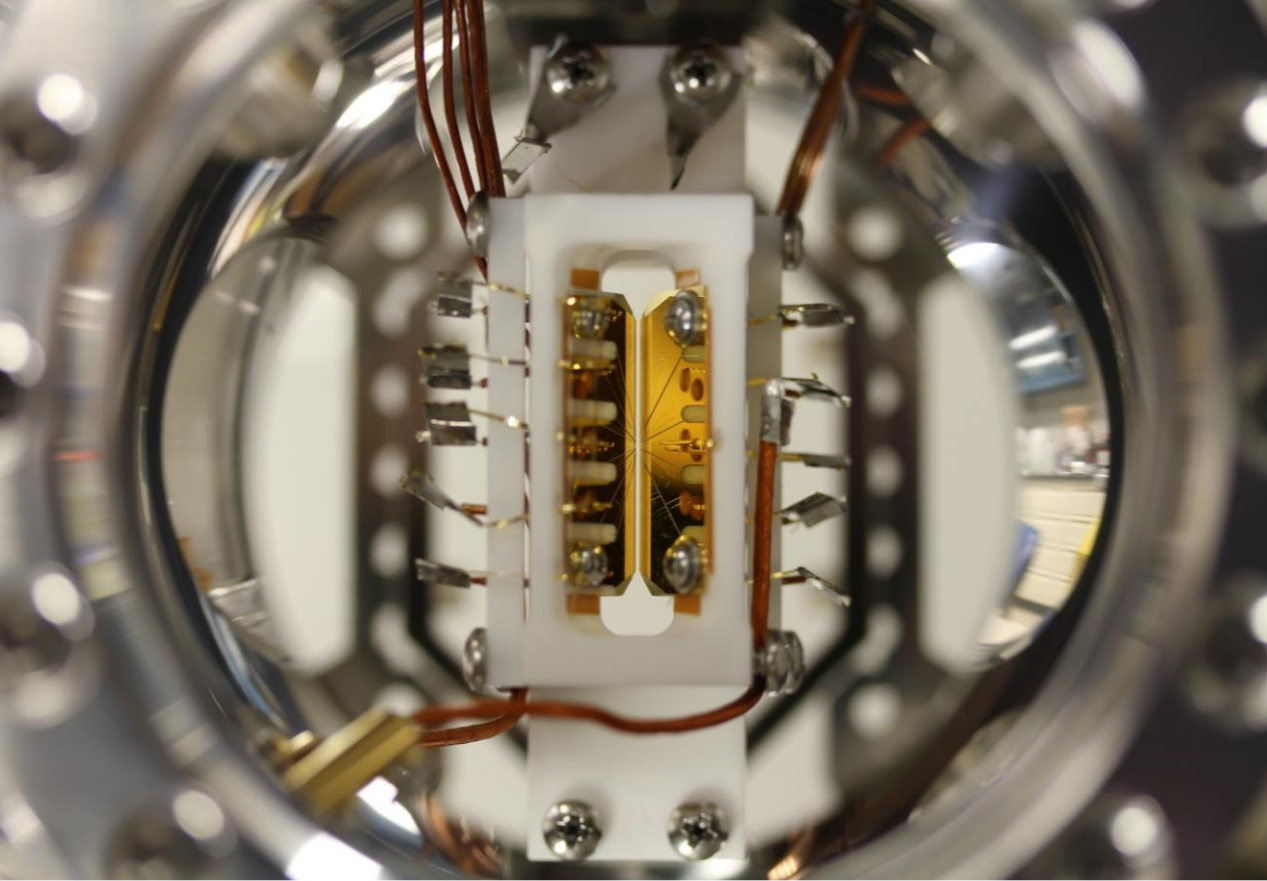


The qubit

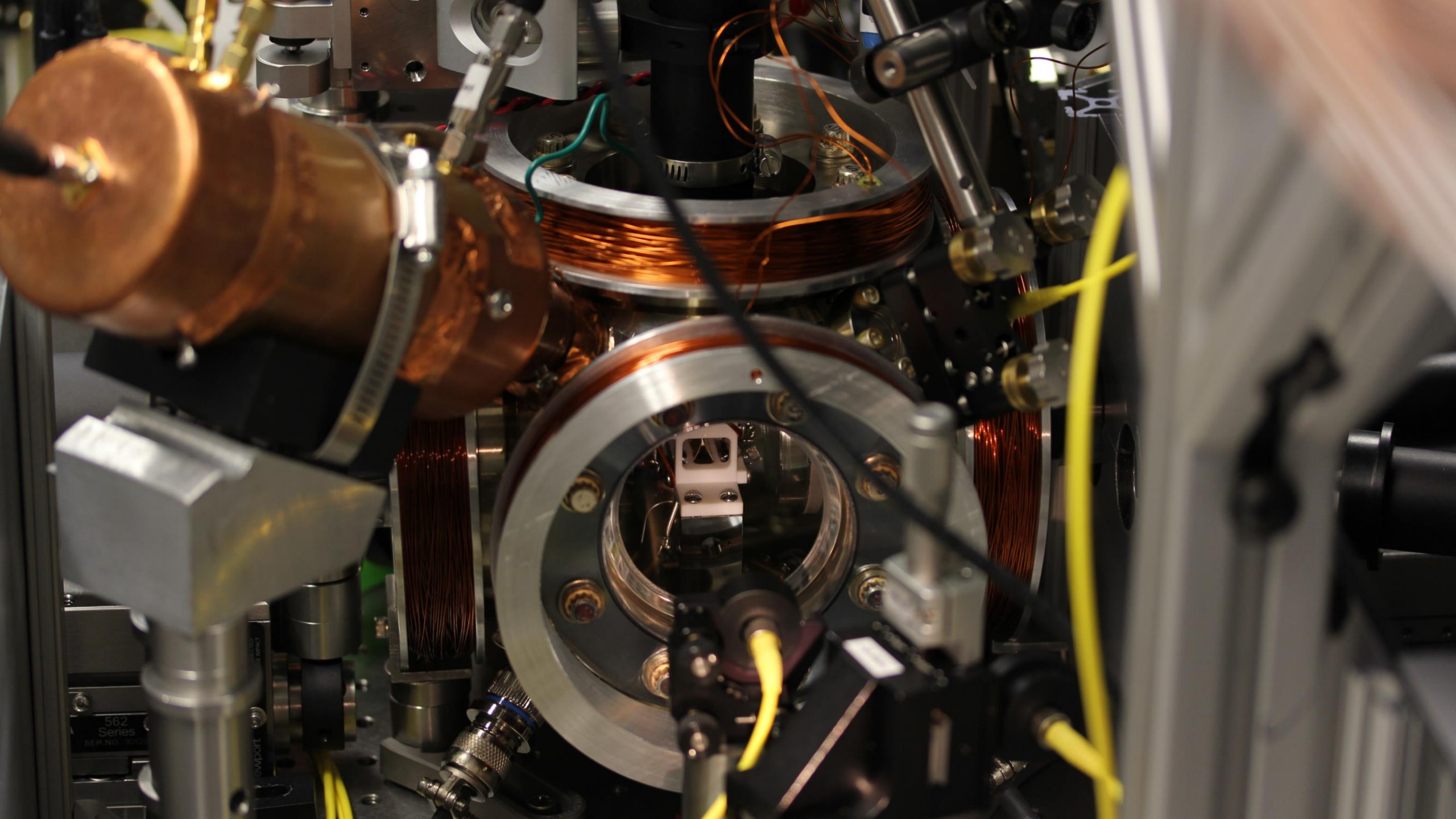


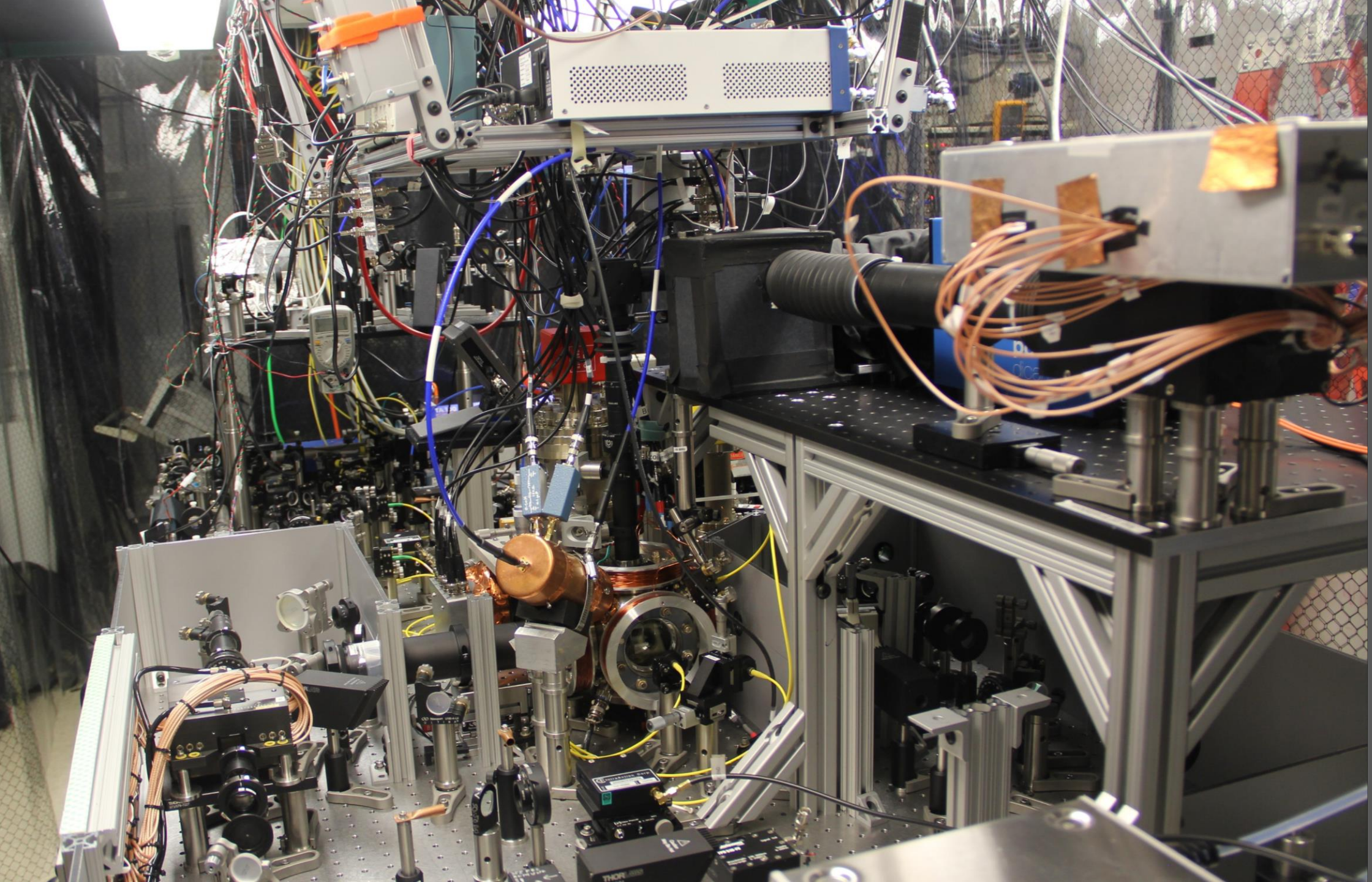


The Blade trap
(looking along the ion chain)



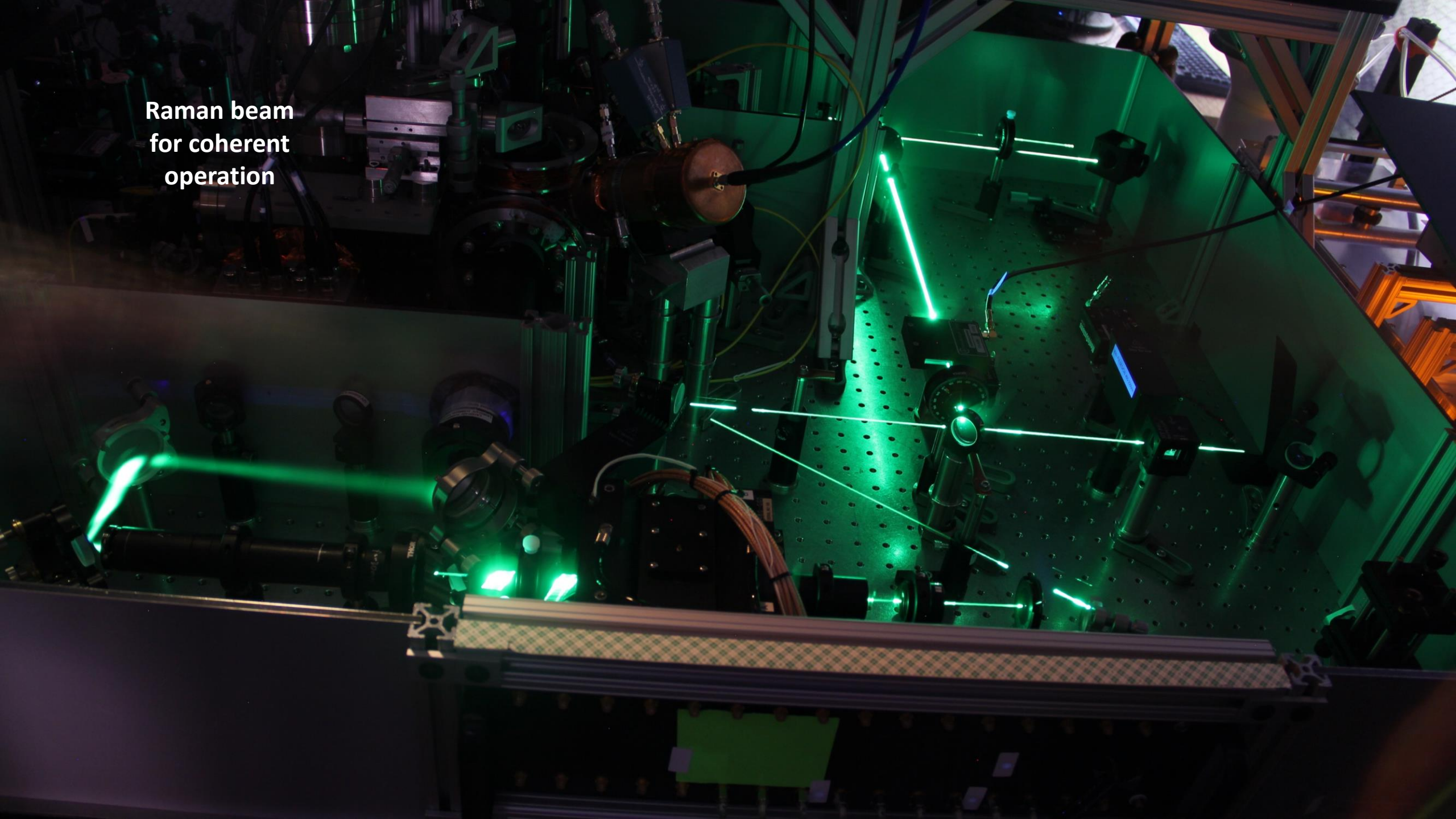
The Blade trap
(looking perpendicular to the chain-
along the Raman beam)





The
optics

Raman beam
for coherent
operation



The Experiment

