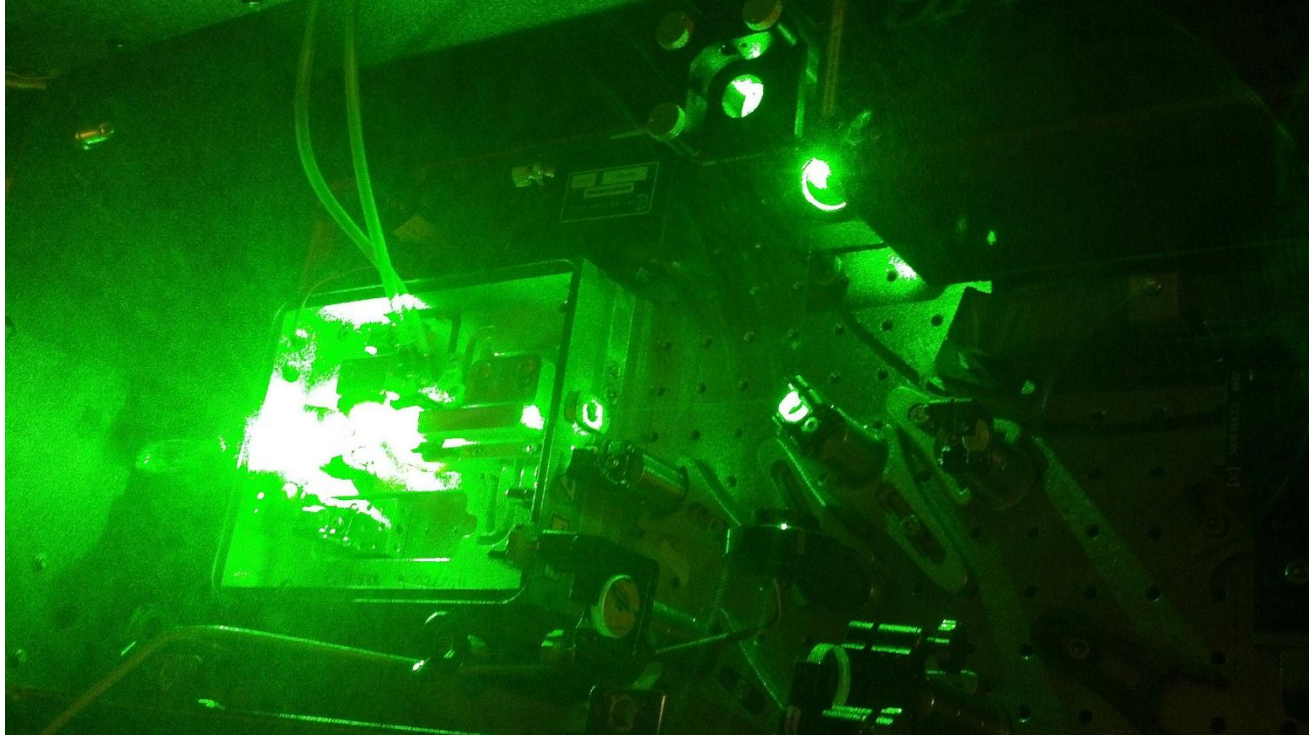
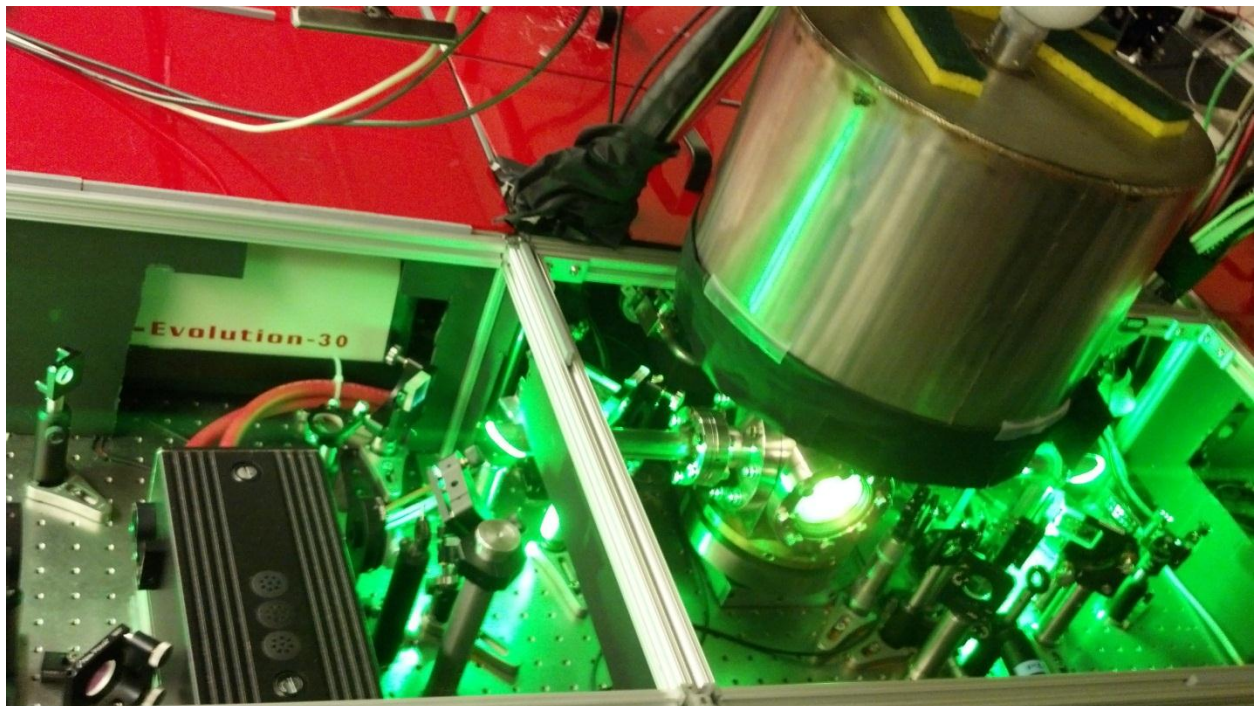


Me with the lab in the background
The spectrometer is sitting to the left
of my shoulder.



Kansas Light Source laser oscillator

The green light is actually the pump laser exciting the small Ti:sapphire crystal creating the red colored, 30fs laser pulses

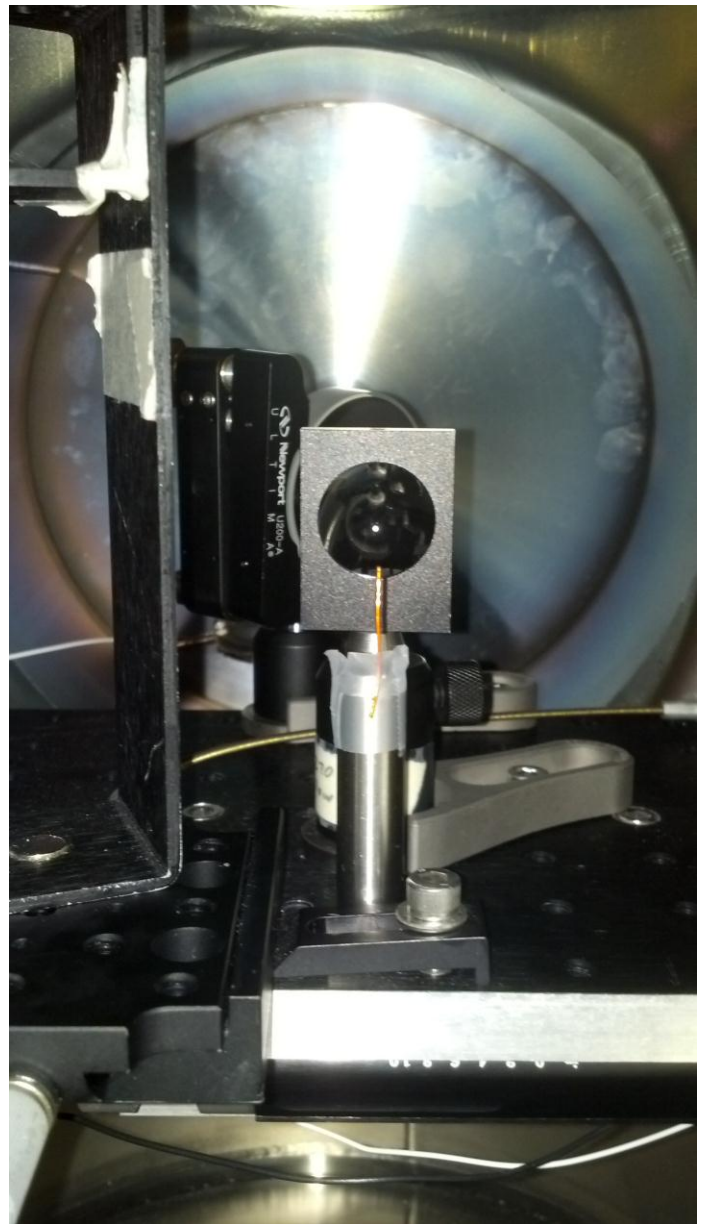


Kansas Light Source Amplifier

The large metal tank contains liquid nitrogen that is cooling the Ti:sapphire crystal. This takes in the oscillator beam and just gives it more power.



The Spectrometer



Collection Lens

This is looking into the vacuum chamber where the gas jet would be aligned. The wire sits at the focus of the incoming beam



Incoming beam path

The large 2 inch lens is focusing the light into the chamber where it is brought back out by the mirror (barely visible in the back of the vacuum chamber) and sent into the black spectrometer box on the right.



Plasma

The little white spot on the left is the plasma which is what my spectrometer images. All the pretty colors on the right are coming from the plasma.

Proper name is a supercontinuum.