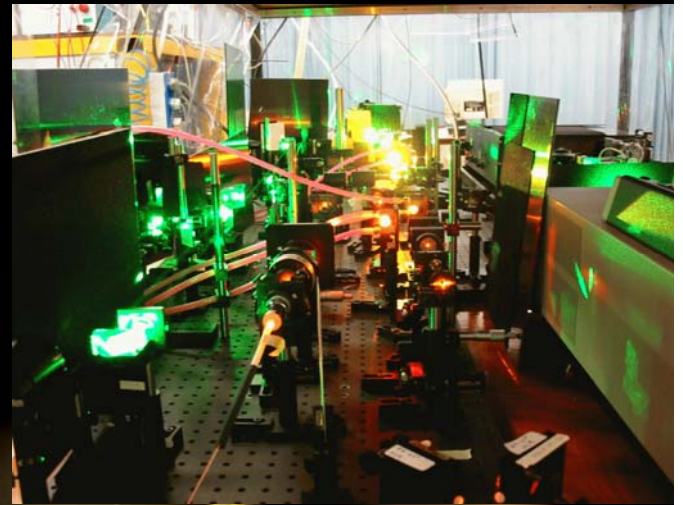


PostDoc + PhD position Amsterdam Laser Centre VU University



At the Laser Centre VU Amsterdam
we have a PostDoc position available
And a PhD position to work on:

1. Analysis of spectra of molecular hydrogen observed at the Very Large Telescope with laboratory spectra taken with the most advanced lasers to deduce a possible variation of the proton-electron mass ratio.
2. Perform laser studies on the spectroscopy of H_2 and HD in the laboratory; precision spectroscopy, photodissociation phenomena and excitation of Heavy Rydberg States.
3. Synchrotron studies of hydrogen at SOLEIL, Paris.

Full salary for both positions

Contact:

Prof. Wim Ubachs (wimu@nat.vu.nl)

Papers:

Phys. Rev. Lett. 92 (2004) 101302;
Phys. Rev. Lett. 96 (2006) 151101;
Phys. Rev. Lett. 100 (2008) 093207;
Phys. Rev. Lett. 101 (2008) 223001;
Phys. Rev. Lett. 101 (2008) 163001.

