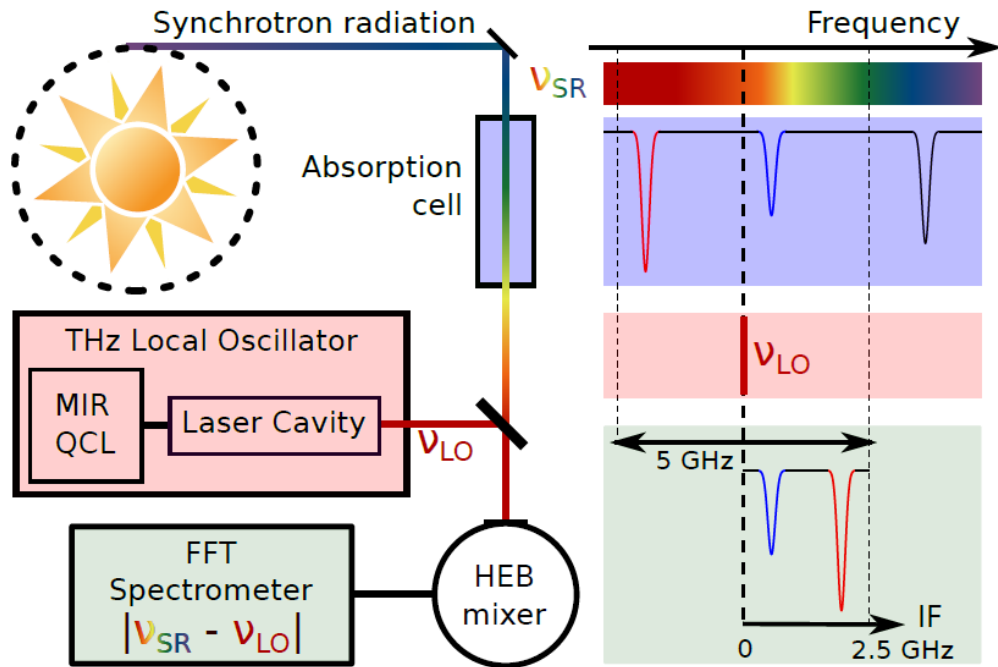


The HeROeS of Terahertz Spectroscopy



Key Figures:

5 GHz instantaneous bandwidth – 80 kHz resolution –
0.7-4.2 THz range – as low as 10 kHz frequency
uncertainty – Very high sensitivity over short
accumulation time

New & improved terahertz spectrometer based on heterodyne mixing of synchrotron radiation and a molecular gas laser

- Spectrum of methanol recorded and compared to FTIR technique

