

## **Cavity-Enhanced Optical Frequency Comb Spectroscopy**

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Cavity-enhanced optical frequency comb spectroscopy combines high spectral resolution and broad spectral coverage with high absorption sensitivity. It allows measurements of entire molecular bands and simultaneous detection of multiple molecular species in short acquisition times. I will describe the principles of the technique, including the various comb-cavity coupling schemes and broadband detection methods, and I will give examples of performance and applications in different wavelength ranges.