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CEAS with any light source

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Optical cavities have proven to be powerful objects, giving rise to kilometric absorption pathlength from meter sized sample cells, at the expense of a reduced average broadband light transmission. Through trace detection examples, we will show and illustrate how to couple continuous or pulsed broadband sources, continuous lasers but also mode-locked lasers to such "absorption amplifiers". We will then debate on the reached and/or expected performances for various experimental setups.