

DEPARTMENT NEWS

## 'Applied Physics Letters' Publishes New Article Authored by Razeghi & CQD Team

Her recent publication, demonstrates new improvements in Quantum cascade lasers (QCLs) being used as versatile light sources with tailorable emitting wavelengths covering the mid-infrared and terahertz spectral ranges.

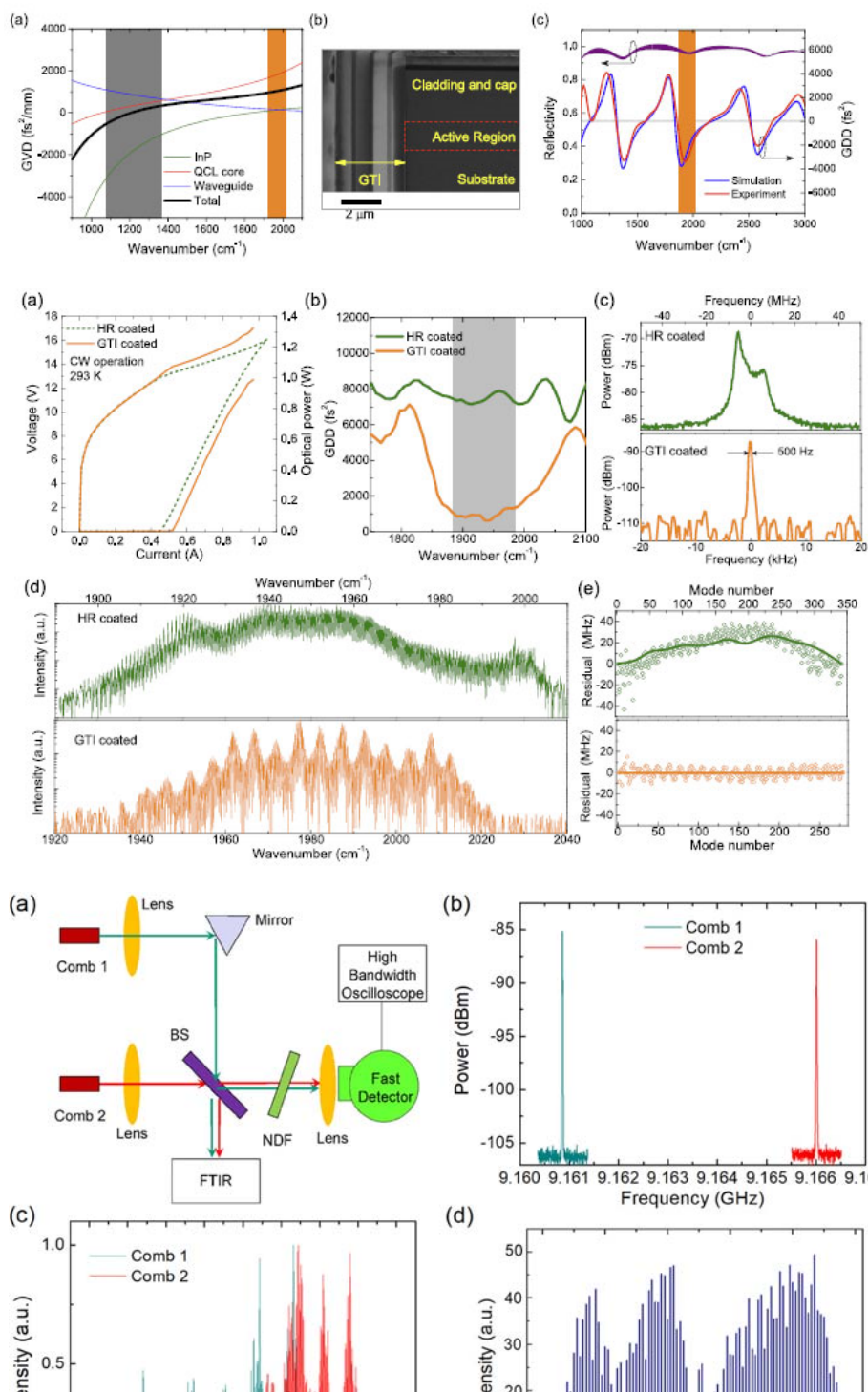
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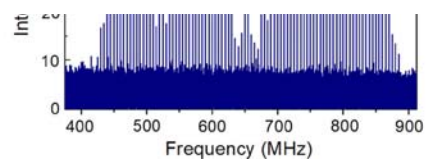
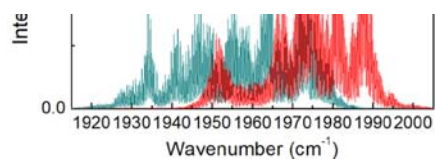


**Prof. Manijeh Razeghi's** (<http://www.eecs.northwestern.edu/people/userprofile/mrazeghi2010>) research has been published by '**Applied Physics Letters**' (<https://aip.scitation.org/journal/apl>) , titled, "**Shortwave Quantum Cascade Laser Frequency Comb for Multi-heterodyne Spectroscopy**" (<https://wcms.northwestern.edu/renderfile/3cd565c48169775b292786408c3f3c4d/documents/news/shortwave-quantum-cascade-laser-frequency-comb-for-multi-heterodyne-spectroscopy.pdf>) , in the **April 2, 2018 edition** (<https://aip.scitation.org/toc/apl/112/14?expanded=112>) (Volume 112, Issue 14) of **Photonics Spectra Magazine** (<http://www.photonics.com/Splash.aspx?PID=5>) for demonstrating new improvements in Quantum cascade lasers (QCLs) being used as versatile light sources with tailorable emitting wavelengths covering the mid-infrared and terahertz spectral ranges. Her coauthors include: Q. Y.

Lu, S. Manna, D. H. Wu, and S. Slivken of the **Center for Quantum Devices** (<http://cqcd.eecs.northwestern.edu/>) (CQD).

*Applied Physics Letters*, published by the American Institute of Physics, features concise, up-to-date reports on significant new findings in applied physics. Emphasizing rapid dissemination of key data and new physical insights, *Applied Physics Letters* offers prompt publication of new experimental and theoretical papers bearing on applications of physics phenomena to all branches of science, engineering, and modern technology. Content is published online daily, collected into weekly online and printed issues (52 issues per year).





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