



## HITRAN2008 and Current Updates

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The current edition of the *HITRAN* molecular spectroscopic database<sup>1</sup> appeared in 2008. In the intervening period to the present, there have been several important updates. The archived database, as described in the *HITRAN* paper, is available at a public ftp site, while critical updates are posted in the *HITRAN* website ([www.cfa.harvard.edu/hitrان/updates.html](http://www.cfa.harvard.edu/hitrان/updates.html)). An international committee meets at least once per year and discusses the many issues involved in improving the database. These issues encompass not only acquisition of new data (both experimental and theoretical), but validation, new directions, etc.

In this presentation, we review highlight some of the successes of the current edition of *HITRAN*. We also discuss new directions.

This effort has been supported by the NASA Earth Observing System (EOS) program, under the grant NAG5-13534.

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<sup>1</sup>L.S. Rothman, I.E. Gordon, A. Barbe, D.Chris Benner, P.F. Bernath, et al, "The HITRAN 2008 Molecular Spectroscopic Database," *JQSRT* **110**, 533-572 (2009).