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## **OH RADICAL REACTIVITY MEASUREMENTS BY FAGE**

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### **Abstract**

A new FAGE setup has been recently built at the University of Lille. Its coupling to a photolysis cell enables the measurement of the total reactivity of the hydroxyl radical. This instrument was tested and validated by measuring the well known rate constants of OH with CH<sub>4</sub> and CO.

*Key words:* OH radicals, reactivity, fluorescence, laser photolysis, atmospheric chemistry

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