



Contribution ID: 143

Type: **poster**

## Photoionization of H<sub>2</sub> Using the Molecular R-matrix with Time Approach

Monday 1 July 2019 18:15 (2 hours)

In this first application of our newly developed molecular time-dependent R-matrix method we study two- and four-photon ionization cross sections for H<sub>2</sub> and study the effects of electron correlation and choice of one electron basis.

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**Session Classification:** Poster session 1