



Contribution ID: 77

Type: **poster**

Steering the H₂CSO Sulfine's Photochemistry with Few-Cycle Pulses: A Computational Study

Monday 1 July 2019 18:00 (2 hours)

We demonstrate the ability of intense few-cycle pulses to steer photochemical reactions by taking advantage of their ultrashort nature to dynamically tailor potential energy surfaces and to induce a radiative dumping in an ultrafast pump-dump scheme.

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Session Classification: Poster session 1