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## **Femtosecond laser control of the chemical reaction of carbon monoxide and hydrogen**

Femtosecond laser control of the chemical reaction of CO and H<sub>2</sub> is studied. Specific high-value reaction products can possibly be produced selectively, without need for further separation or purification. In this work, we aim at controlling the reaction between CO and H<sub>2</sub> to produce hydrocarbon products, of interest to the petrochemicals industry. Preliminary experimental results will be presented.

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