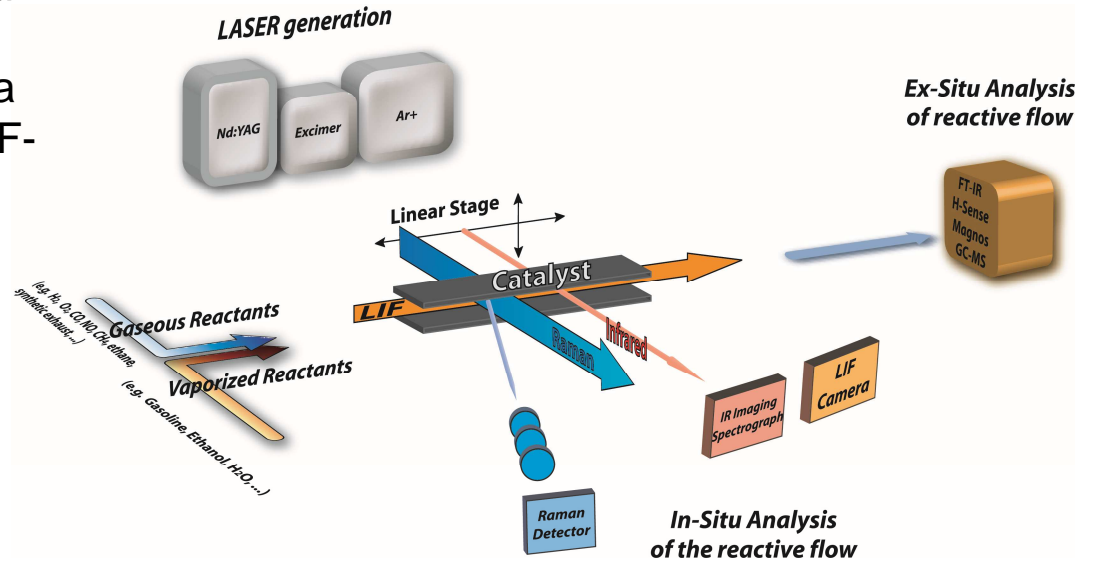
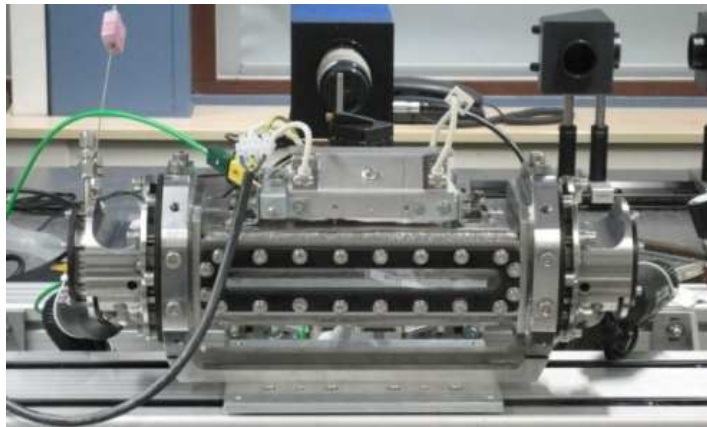


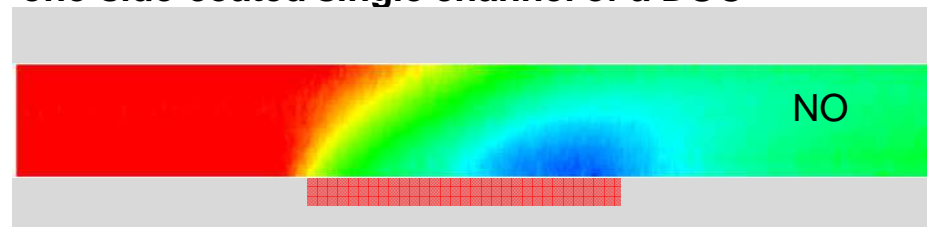
Labor CATHLEN

Optical diagnostics of catalytic reactors

In-situ analysis of spatial and temporal profiles of species concentration and temperature in the gas phase above a catalytic surface using Raman and LIF-spectroscopy



NO LIF profile during reduction by H₂ to NH₃ in Pt/Al₂O₃ one-side-coated single channel of a DOC



A. Zellner, R. Suntz, O. Deutschmann, *Angew. Chemie Int. Ed.* 54 (2015) 2653-2655.