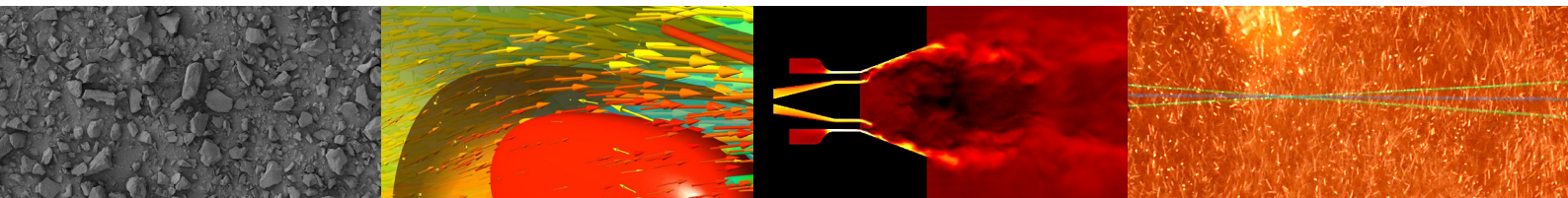


# Abstract

1st International Workshop on Oxy-Fuel Combustion  
organized by the Collaborative Research Center Oxyflame  
Feb. 10th – 11th, 2016 in Montabaur, Germany

SFB/TRR 129 Oxyflame

Development of methods and models to  
describe solid fuel reactions within an  
oxy-fuel atmosphere



The 1st International Workshop on Oxy-Fuel Combustion was organized by the Collaborative Research Center (CRC) Oxyflame (SFB/Transregio 129), which is funded by the German national science organization (DFG). Within Oxyflame, scientists of RWTH Aachen University, Ruhr University Bochum, and Technical University of Darmstadt are combining their experience in the fields of homogenous gas combustion and heterogeneous particle combustion for the investigation of oxy-fuel combustion of solid fuels, such as coal and biomass.

After its first 2 ½ years of project duration CRC Oxyflame has organized the 1st International Workshop on Oxy-Fuel Combustion. The workshop was held in Montabaur, Germany on Feb. 10-11, 2016 with an attendance of 92 participants from 12 countries. Therein 6 keynote lectures were delivered by internationally recognized experts. The workshop was structured into sessions on „Coal-Combustion“, „Char, Particles and Reaction Kinetics“, „Pyrolysis and Gasification“ and „Radiation“ for oral presentations plus one additional poster session. Overall, 31 oral presentations and the poster session gave a comprehensive overview on oxy-fuel combustion to an audience consisting of scientists and industrial representatives.

As additional outcome a special issue of FUEL containing 17 accepted contributions from the speakers of this specific workshop was published: click [here](#).

Based on the very positive comments and the detailed participant feedback to this workshop, it was decided to reorganize the workshop on a biennial basis.

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