



## Bachelorarbeit / Masterarbeit

Investigation of the surroundings influence on the HR/NR coke oven operation

- Literature review about the modelling and the experimental investigation of the process
- Implementation of the model predicting operation of the HR coke oven in **python** or **C++**
- Validation of the model with 3D CFD based simulations using **ANSYS Fluent**
- Parameter variations analysis

**Kontakt** Dr.-Ing. Rafał Buczyński, Geb. C26, Raum H-213  
rafal.buczynski@tu-clausthal.de