



Bachelorarbeit / Masterarbeit

Investigation of the heat transfer in the upper oven of the HR/NR coke oven

- Literature review about the modelling and the experimental investigation of the process
- Implementation of the model predicting heat transfer from the oven crown and hot gasses to coal charge 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