

Design-Configurator for Hydrogen Gas Burners



Motivation and Relevance

- Design configurators enable the creation of scalable, flexible hydrogen gas burners in short time
- Generation of three-dimensional burner geometries
- Consideration of formulas, databases, and guidelines

Approach

- Development of a Design Configurator for hydrogen gas burners
- Usage of shortest path algorithm for pipe generation

Results

- Generation of hydrogen gas burner within minutes

Research Area

- Hydrogen, gas burner, PBF-LB/M, Design Automation

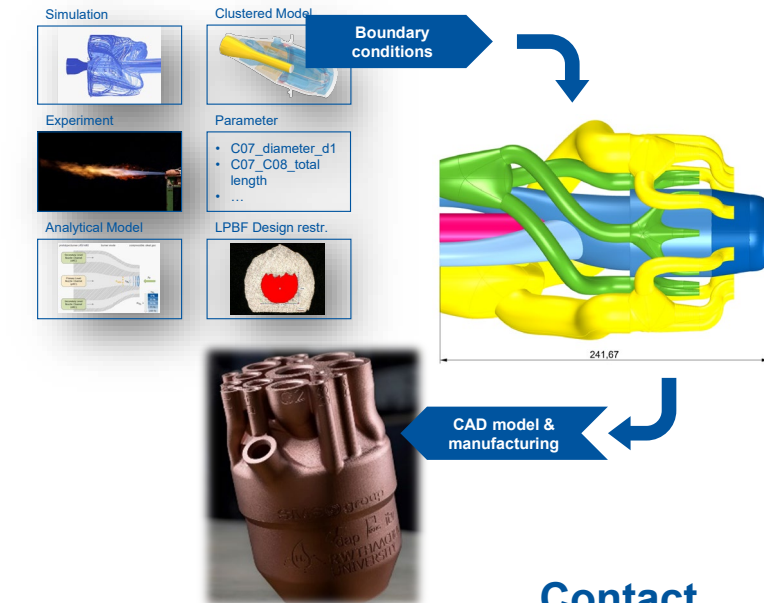
Partners



Supported by



Picture



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