



**CDS  
RESEARCH CENTER DYNAMIC SYSTEMS  
SYSTEMS ENGINEERING**

**CDS member Prof. Dr.-Ing. Dominique Thévenin speaker of the SFB/TR 287 "BULK-REACTION"**

09.06.2020 - Scientists at the Otto von Guericke University Magdeburg, together with site spokesperson Prof. Dr.-Ing. Dominique Thévenin, want to use computer simulation models to make particle production processes, which up to now have been difficult to control but are very energy-intensive, more controllable and thus much more energy-efficient. Together with research team from the University of Bochum, they are developing exact calculation models for the first time in a Collaborative Research Center for the use of energy and resources in production processes that are difficult to access, example in the manufacture of cement or ceramics in high-temperature furnaces.

> to the official German article of the OvGU

([https://www.ovgu.de/Universitaet/Im+Portrait/Profilierungsschwerpunkte/Forschung+\\_+Transfer/PM+34\\_2020-p-107300.html](https://www.ovgu.de/Universitaet/Im+Portrait/Profilierungsschwerpunkte/Forschung+_+Transfer/PM+34_2020-p-107300.html))

Contact Prof. Dr.-Ing. Thévenin

**Otto von Guericke University Magdeburg**

Faculty of Process and Systems Engineering (FVST)

Institute of Fluid Dynamics and Technical Flows

Universitätsplatz 2

39106 Magdeburg

Prof. Dr.-Ing. Dominique Thévenin

G14 - R113

Tel.: +49 391 67-58570

✉ [dominique.thevenin@ovgu.de](mailto:dominique.thevenin@ovgu.de)

> [Prof. Dominique Thévenin](#)