



**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

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