



## **CDS RESEARCH CENTER DYNAMIC SYSTEMS SYSTEMS ENGINEERING**

### **New Members in the CDS**

11.12.2020 - **By unanimous decision of the Executive Board, Prof. Nora Kulak and Prof. Berend van Wachem were admitted as new full members of the CDS, as well as Dr. Robert Dürr as a new junior member.**

Prof. Dr. rer. nat. Nora Kulak, Professor of the Department of Inorganic Chemistry in the Faculty of Process and System Engineering at Otto von Guericke University Magdeburg, moved to OvGU Magdeburg in March 2020 from Freie Universität Berlin where she was a junior professor. Her current research focuses on the development of assays for enzyme inhibition and reactive oxygen species, as well as on the synthesis of curcumin-metal complexes for biomedical applications.

> for information on Nora Kulak ([https://www.ich.ovgu.de/ich/en/Chairs/Inorganic+Chemistry/Prof\\_+Kulak/Group/Nora+Kulak-p-662.html](https://www.ich.ovgu.de/ich/en/Chairs/Inorganic+Chemistry/Prof_+Kulak/Group/Nora+Kulak-p-662.html))

Prof. Dr. Berend van Wachem, Head of the Department of Mechanical Process Engineering, moved to Otto von Guericke University Magdeburg in 2017 from Imperial College London, where he had worked since 2008 and had been Professor Multiphase Flow since 2015. His research focuses on the development and application of modelling methods and experimental validation applicable to particle technology, multiphase flow and fluid dynamics. Currently, Prof. Dr. van Wachem is working on a project on non-linear capillary systems with surfactant-laden interfaces

> for more information on Berend van Wachem ([https://www.mvt.ovgu.de/People/Prof\\_+Dr\\_+Berend+van+Wachem-p-236.html](https://www.mvt.ovgu.de/People/Prof_+Dr_+Berend+van+Wachem-p-236.html))

Dr.-Ing. Robert Dürr has been a research associate at the Institute of Automation Technology in the Faculty of Electrical Engineering and Information Technology at Otto von Guericke University Magdeburg since June 2018. His research work focuses on the modelling of multicellular systems in bioprocess engineering, the numerical solution of multidimensional population balance equations, state and parameter estimation for population balance equations, the identification of particle processes and the control of drying processes.

> for more information on Robert Dürr

([http://www.ifat.ovgu.de/Lehrst%C3%BChle+und+Fachgebiete/Automatisierungstechnik\\_Modellbildung/Mitarbeiter/Robert+D%C3%BCrr.html](http://www.ifat.ovgu.de/Lehrst%C3%BChle+und+Fachgebiete/Automatisierungstechnik_Modellbildung/Mitarbeiter/Robert+D%C3%BCrr.html))

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