

Curriculum Vitae

Prof. Dr.-Ing. Gregor D. Wehinger



Research Topics

Detailed modeling of chemical and electrochemical reactor devices
Revealing interactions between local kinetics and local transport phenomena with optical measurements and computational fluid dynamics (CFD) simulations
Detailed fixed-bed reactor modeling using CFD
Detailed redox-flow modeling using CFD

Current Position

Since 03/2017 **Assistant Professor (W1)**
Technische Universität Clausthal, Clausthal-Zellerfeld/ Germany



Scientific Background

02/2013-06/2016 **Doctoral Studies (Dr.-Ing.)**
Technische Universität Berlin, Berlin/ Germany
With Prof. Dr.-Ing. Matthias Kraume

06/2015-10/2015 **Research Fellow, DAAD grant**
Brown University, Providence, RI, USA
With Prof. Dr. C. F. Goldsmith

11/2012-01/2013 **Simulation Engineer**
CD-adapco, Nuremberg/ Germany

06/2012-10/2007 **Diplom-Ingenieur (Dipl.-Ing.) Energy and Process Engineering**
Technische Universität Berlin, Berlin/ Germany

08/2009-07/2010 **Energy Technology, Erasmus Grant**
Universitat Politècnica de Catalunya (UPC), Barcelona/ Spain

09/2007-10/2005 **Technology Management**
Universität Stuttgart, Stuttgart/ Germany



Awards and Memberships

Since 03/2019 Appointed member of the board of advisers at ProcessNet Subject Division *CFD*

Since 03/2019 Appointed member of the Junge BWG (Braunschweigsche Wissenschaftliche Gesellschaft)

2018 Senior-Fellowship Hochschullehrer des Stifterverbandes für das Projekt „Mit Virtual Reality eintauchen ins forschende Lernen in der Verfahrenstechnik“

2018 Head of NachwuchsReaktionstechnik (NaWuReT) at ProcessNet

2018 Hanns-Hofmann-Preis 2018, ProcessNet Subject Division *Reaction Engineering*

Since 01/2018 Appointed member of the board of advisers at ProcessNet Subject Division *Reaction Engineering*

2017 BIMoS PhD Award 2017, Technische Universität Berlin and Berlin International Graduate School in Model and Simulation based Research (BIMoS)

2016 Best presentation award at AIChE Annual Meeting 2016 in Salt Lake City, UT, USA

2014 Best presentation award at AIChE Spring Meeting 2014 in New Orleans, LA, USA