In 2020, the Department of International Affairs: ISGS once more invites executives from internationally renowned companies to present step stones of global careers to PhD candidates. These networking dialogs highlight the professional and personal competencies required in industry and give hints for assistance within decision-making processes. During this informal meeting young researchers will have the opportunity to present their own career plans and receive honest feedback.

**ISGS- Networking Dialog:**

**The ITWM Division Director**  
**Mathematics for Vehicle Engineering**

Date: Monday, April 27, 2020, 5:00 – ca. 7:00 pm  
Place: Building 39 (ISGS Center/Meeting Place)  
Language: English & German  
Participants: Postdocs, PhD Cand., research associates & Msc students  
Target Faculties: Mathematics, CVT, etc.  
Registration: Registration only via email (latest by April 24) to: doktoranden@isgs.uni-kl.de > Subject: “ITWM”

**About Dr. Dreßler:**

- Dr. Klaus Dressler graduated from TU Kaiserslautern as PhD in Mathematical Physics.
- From 1990 to 2003 he was leading the development of load data analysis and simulation software for vehicle industry at TECMATH and LMS International.
- Since 2003 he manages the department 'Dynamics & Durability' at Fraunhofer ITWM, since 2007 also the Fraunhofer innovation cluster on 'vehicle-environment-human-interaction' working on virtual product development technologies & methods for modelling & simulation of vehicle usage variability for durability, reliability & energy efficiency.
- Since 2018 Klaus Dressler is Director of the Fraunhofer ITWM division 'Mathematics for Vehicle Engineering'.
- His field of responsibility includes 'simulation of cables and hoses (IPS Cable Simulation)', 'tire simulation (CDTire)', 'vehicle system simulation', 'HMI / driving simulator RODOS' and 'simulation of usage variability, Virtual-Measurement-Campaign (VMC) & digital environmental data'.

**Fraunhofer ITWM**  
> The Fraunhofer Institute for Industrial Mathematics ITWM was founded in 1995  
> cornerstone of its work are the classical disciplines of applied mathematics, such as: numerics, optimization, stochastics, statistics as well as differential equations  
> The division »Mathematics for Vehicle Engineering« consists of the two departments »Dynamics, Loads, and Environmental Data« (DLU) and »Mathematics for the Digital Factory« (MDF) as well as the Tire Simulation project group and a cross section unit called MF-Technikum, which is responsible for testing and measuring systems.  