

## Curriculum Vitae

### Prof. Dr.-Ing Gerd Griepentrog

#### General Information

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- Born on Jan 15<sup>th</sup>, 1965
- Married with Elke Griepentrog
- One child

#### Scientific career and background:

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- since 04/13 Professor at the TU Darmstadt and Head of the Institute for Power Electronics and Control of Drive
- 08/02 – 03/13 Head of R&D departments within Siemens Corporate Technology, latest position: Head of the Technology fields „Power and Actuators“ with ~100 employees worldwide with outposts in the U.S. and China. Responsible for Research projects covering Power Electronics, electrical machines, Power Management and Smart Grid
- 04/96 - 08/02 Employee and project leader within Siemens Corporate Technology
- 05/93 - 03/96 PhD candidate at the TU Chemnitz. Title of the dissertation: "Lifetime determining parameters of Low Voltage Circuit Breaker", Completion with the "Dr.-Ing." degree in 10/96 with „summa cum laude“
- 04/93 - 05/93 Freelancer at TU Chemnitz
- 09/88 - 03/93 Study of power engineering and automation at the TH Zwickau / TU Chemnitz, Diplom-Ingenieur 03/93 „With Excellence“, During study got the first prize of a national mathematical competition of students of Engineering-science in 1990 and 1991 respectively
- 09/84 - 08/88 Military service
- 06/84 - 07/84 Worked as an electrician
- 09/81 - 06/84 Apprenticeship (electrician) and Abitur (A-level)



#### Membership

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- VDE (German Association for Electrical, Electronic & Information Technologies) since 1993
- IEEE – Power Electronics Society (PELS), Member since 1997, Chairman of the Joint German Chapter IES/PELS/IAS since 2016
- Deutsche Thermoelektrische Gesellschaft (German Thermoelectric Society)

#### Papers and patents

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- >50 Papers and presentations
- >60 Granted patents in Power Electronics, Electrical Drives, Power Management and Smart Grid