

CURRICULUM VITAE

Prof. Dr.-Ing. Joachim Guderian

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Born at 25th October 1960 in Unna/North Rhine-Westphalia/Germany

Married, 2 kids, 1 horse



PROFESSIONAL PROFILE

- Design and operation of complex chemical processes
- Significant research achievements particular under market pressure
- Executive background in several small and medium sized companies
- Continuous teaching activities and memberships in scientific committees

EDUCATION

- 1980 High school graduation, Mathematisch/Naturwissenschaftliches Gymnasium in Mönchengladbach
- 1987 Diploma in Chemical Engineering, Technical University Dortmund (TU Dortmund)
- 1991 Doctorate in „Thermal Process Engineering“ (Prof. Weinspach), TU Dortmund, with a subject in the field of “Heat Transfer to Granular Particles”

ACADEMIC TEACHING EXPERIENCE

- 1993 Until 2003: various lectureships at the TU Dortmund and the University Hagen.
- 2002 Seminar host of the HdT-seminar „Activated carbon filter in automotive applications“ in Essen.
- 2010 Lecture „Industrial Applications of Carbonaceous Adsorbents“, European Course on Carbon Materials, organised by the DKG, held in Frankfurt.
- 2015 Lecture „Pressure Swing Adsorption in Theory and Practice“, University of Bologna
- 2016 Visiting professorship at the University Bologna.
- 2016 Lecture „Activated Carbon – Production and Application“, European Course on Carbon Materials, organised by the DKG, held in Dresden.

PROFESSIONAL EXPERIENCE

- 1987 – 1991 Scientific employee at the TU Dortmund.
- 1991 – 2000 Fraunhofer UMSICHT, initially head of department „Environmental Technology“, later head of the competence field “Gas Treatment”.
- 1999 Set-up of the Fraunhofer spin-off „german carbon teterow GmbH“.
- 2000 – 2005 Technical director of the german carbon teterow GmbH: planning, erection and commissioning of an activated carbon production.
- 2004 Set-up of the AdFiS GmbH (adsorptive filter systems).
- 2005 Set-up of the TCS GmbH (marketing and engineering consulting).
- 2005 – 2014 Registered officer, head of R&D, head of marketing and sales, CarboTech AC GmbH, beside direct responsibility for the business segment “carbon molecular sieves”.
- 2008 – 2013 Director CPL CarbonLink, Wiggan, England.
- 2014 Appointment as professor for „Process Engineering“, FH Münster.