

# Curriculum Vitae

**Name:** Dr. Daniel Bengtsson Blücher  
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I have pursued a long international career with leading positions within automotive and applied research, backed up by a solid academic background. I have always had the passion for developing the future top-quality premium products and processes. I am looking forward to embracing new opportunities along the value-chain of my core competence being light-weight design, corrosion protection, choice of materials and surface treatment!

## Working experience

- 2014-- **SINTEF INDUSTRY, Trondheim, Norway (Scandinavia's largest research institute)**
- Research manager for Corrosion and Tribology (12 persons, 2MEUR turnover, 450m<sup>2</sup> lab)
  - Acting research manager for Flow Technology (2016-2018) (18persons, 3,5MEUR turnover, 100m<sup>2</sup> lab)
  - Senior Business Developer
- 2005-2014 **AUDI AG, R&D, Entwicklung Gesamtfahrzeug, Ingolstadt, Germany**
- Coordination of the R&D activities on the choice of materials, surface treatment and corrosion protection development, leading a group of 4 persons.
  - Platform developer Modular Sportscar System (Audi R8 and Lamborghini Gallardo/Huracán, Sant Agata).
  - SET leader Audi A1 (Brussels), Audi A8, Bentley Continental, Porsche Panamera. including budget responsibility (SAP-based) on corrosion protection, surface treatment (including simulation), water tightness and finally paint including implementation according to the given budget.
  - Validation of the product and process in the INKA-test.
  - Responsibility for 3 Ph.D. student and 4 M.Sc. students – collaboration with TU Wien, TU Erlangen, CEST
- 2000-- **Törnell och Blücher AB, Technical consultations.**  
2003 **Max-Planck-Institute für Eisenforschung, Düsseldorf, Germany**  
Research assistant. AFM- und SKPFM Untersuchungen zum Korrosionsverhalten von MgAl Legierungen.
- 2000-2005 **Chalmers University of Technology, Gothenburg, Sweden**  
*Ph. D. in Materials Science. Topic: Atmospheric corrosion of Aluminum and Magnesium alloys financially supported by the EU project "Mg-Chassis", Volvo Car Corporation and the Swedish Research Council.*
- 1998-1999 **Föreningsparbanken, Gothenburg, Sweden**  
*Retail banking employee. Stockbroker assistant.*
- 1994-1997 **DHL in Graz, Hannover and Gothenburg**  
*Logistics*

## Education

- 2016-2017 **Talent program for selected leaders at SINTEF "God Ledelse i SINTEF"**
- 2011 **Private University of Applied Science in Göttingen, Germany**  
*Certified Composite Engineering Specialist (CFK, GFK, Faserverbundwerkstoffe)*
- 1994-2001 **Gothenburg School of Economics and Commercial Law, Sweden**  
*Master of Science in Business Administration, majoring in finance.*
- 1996 -2000 **University of Gothenburg, Sweden**  
*Master of Science in Chemistry, majoring in materials chemistry.*
- 1997 **Karl Franzen Universität, Graz, Austria**  
*ERASMUS exchange semester (finance studies)*

## Patents and publications

- 2019 EP3129527B1: Verfahren zur Passivierung einer metallischen Oberfläche  
2019 US10351959B2: Method for passivating a metal surface

2013 Pending: 14461: Vorrichtung zur on-line monitoring von Korrosionsprozessen in-situ im Auto  
2013 Pending 1478154: Corrosion protection of CFRP-Aluminum joints  
2001-2020 Published 20 articles in scientific journals and 10 presentations at intl. conferences

#### Affiliations

2016- NACE member  
2005- Member of the GFK, *Gesellschaft für Korrosionsschutz e. V.*  
2005- Board member of Aeroclub Greiding, Gauldal Seilflyklubb *hobby pilot*

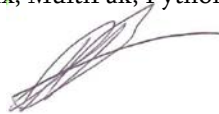
#### Language skills

Swedish mother tongue  
English, German fluent  
Norwegian, Danish good  
Italian basic

#### Computer skills

Catia, Enovia DMU, ANSA, FEM sim. tools from ANSYS, MS office, SAP, Esprit, BTE, AVON, VDSwin, Illustrator, Dreamweaver, HTML, Test Point, Sigma Plot, Maconomy, Analytix, MultiPak, Python

***Daniel Blücher, Trondheim, Norway, April 2021***



Reference: Prof. Dr. Jan-Erik Svensson, Head of the Division for Energy and Materials, Chalmers, tel: +46 31 7722863, jes@chalmers.se  
References from Audi AG and the Volkswagen Group on request