

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 concept development, innovation, robust design, corrosion protection, choice of materials and surface treatment!

Working experience

- 2014-- **SINTEF INDUSTRY, Trondheim, Norway (Scandinavia's largest research institute)**
- Senior Business Developer
 - Research manager for Corrosion and Tribology (12 persons, 2MEUR turnover, 450m² lab)
 - Acting research manager for Flow Technology (18persons, 3,5MEUR turnover, 100m² lab)
- 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
- 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
2001-2024 Published 23 articles in scientific journals and 15 presentations at intl. conferences

Affiliations

2005- **Board member of Aeroclub Greiding, Gauldal Seilflyklubb *hobby pilot***

Language skills

Swedish	mother tongue
Norwegian, English, German	fluent
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, Nov. 2024



*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*