

# Curriculum Vitae

**Name:** Dr. Daniel Blücher  
**Date of birth:** July 16, 1975  
**Nationality:** Swedish  
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## Working experience

- 2009-- **AUDI AG, R&D, Entwicklung Gesamtfahrzeug, Ingolstadt, Germany**  
*Model Coordinator Audi A1 (Brussels) and a new sports car platform with CFK/Al including budget responsibility (SAP-based).*
- 2005-2009 **AUDI AG, R&D, Entwicklung Gesamtfahrzeug, Ingolstadt, Germany**  
*Model Coordinator with responsibility for choice of materials and corrosion protection systems for the Bentley Continental (Crewe) and Audi A8 (Neckarsulm).*
- 2000-2005 **Atomwinter KB, Gothenburg, Sweden**  
**Managing Director and co-founder**  
*Technical consultations (corrosion and failure analysis) and import/wholesale of sports and beauty utilities. Customers among others: Audi AG, Midorion AB, IFP Research AB, PM Luft AB, Inter Active Group AB, CaddyClean AB, Promed GmbH.*
- 2000-2005 **Department of Chemical and Biological Engineering, Chalmers University of Technology, Gothenburg, Sweden**  
*Ph. D. student in Materials Science. Atmospheric corrosion of Aluminum and Magnesium alloys financially supported by the EC project "Mg-Chassis", Volvo Car Corporation and the Swedish Research Council.*  
*Title of Doctoral Thesis: Carbon Dioxide: The Unknown Factor in the Atmospheric Corrosion of Light Metals - A Laboratory Study*
- 1998-1999 **Föreningssparbanken, Gothenburg, Sweden**  
*Retail banking employee. Stockbroker assistant.*
- 1994-1997 **DHL, Graz, Hannover and Gothenburg**  
*Internship; building a windows based statistical turnover analysis tool.*

## Education

- 1994-2001 **Gothenburg School of Economics and Commercial Law, Sweden**  
*Master of Science in Business Administration, majoring in finance.*  
*Title of Master's Thesis: The Dow Jones Sustainability Group Index: Do the screening criteria account for an unbiased selection?*
- 1996 -2000 **University of Gothenburg, Sweden**  
*Master of Science in Chemistry, majoring in materials chemistry.*  
**Title of Master's Thesis:** *The atmospheric corrosion of aluminum; Influence of CO<sub>2</sub>, SO<sub>2</sub> and NaCl.*
- 1997 **Karl Franzen Universität , Graz, Austria**  
*Exchange semester within the Masters Program in International Business. Finance studies*

## Publications

- 2009 **Critical Factors in the Galvanic Corrosion of Aluminum and Galvanised Steel**  
*Accepted by J. Electrochem. Soc.*
- 2009 **Monitoring of electrochemical parameters during cyclic salt spray tests**  
*Proceedings of EUROCORR 2009, paper no. SS 16-O-8386.*
- 2008 **Investigations on the Corrosion of Steel-Aluminum Joints, 214th ECS Meeting - Honolulu, HI, USA**
- 2005 **The influence of CO<sub>2</sub>, AlCl<sub>3</sub>·6H<sub>2</sub>O, MgCl<sub>2</sub>·6H<sub>2</sub>O, Na<sub>2</sub>SO<sub>4</sub> and NaCl on the atmospheric corrosion of aluminum**  
*Corr. Sci. 48 (7) 1848-1866 (2006), 48 ( 7 )*
- 2005 **The Influence of SO<sub>2</sub> on The Atmospheric Corrosion of Mg and Mg-Al Alloys**  
*Submitted to J. Electrochem. Soc.*
- 2005 **Influence of ppb levels of SO<sub>2</sub> on the Atmospheric Corrosion of Aluminum in the Presence of NaCl**  
*J. Electrochem. Soc. Vol. 152 (10) (2005)*

- 2004                    **Scanning Kelvin Probe Force Microscopy, a Useful Tool for Studying Atmospheric Corrosion of Mg-Al Alloys in-situ**  
*J. Electrochem. Soc. Vol. 151 (2004) pp B621-B627*
- 2002                    **Carbon Dioxide; the Unknown Factor in the Atmospheric Corrosion of Aluminum?**  
*Proceedings of the 15<sup>th</sup> Intl Corrosion Congress in Granada, 2002*
- 2002                    **The NaCl-Induced Atmospheric Corrosion of Aluminum; the Influence of Carbon Dioxide and Temperature**  
*J. Electrochem. Soc. Vol. 150 (2003) pp B93-B98*
- 2000                    **The Effect of CO<sub>2</sub> on the NaCl-Induced Atmospheric Corrosion of Aluminum**  
*J. Electrochem. Soc. Vol. 148 (2001) pp B127-B131*

#### **Affiliations**

- 2005-                    **Member of the VDI, Verein Deutscher Ingenieure e. V.**
- 2005-                    **Member of the SAE International, Society of Automobile Engineers**
- 2005-                    **Member of the NACE, National Association for Corrosion Engineers**
- 2005-                    **Member of the Aeroclub Greiding, hobby pilot**
- 2001-                    **Member of the ECS, Electrochemical Society**
- 2001-                    **Member of the ASM, American Society for Materials**

#### **Language skills**

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|-------------------|---------------|
| Swedish           | mother tongue |
| English, German   | fluent        |
| Norwegian, Danish | good          |
| French            | basic         |

#### **Computer skills**

Catia v5, v4, Enovia DMU, ANSA, MS office, Paint Shop Pro, Illustrator, Dreamweaver, HTML, Test Point, Sigma Plot, SAP and MultiPak



***Dr. Daniel Blücher, Ingolstadt, Germany, Nov. 2010***

***Reference: Mr. Gunnar Larsson, prev. CTO Audi, Tel. +19498747317, [gunnar.larsson@cox.net](mailto:gunnar.larsson@cox.net)***