

Curriculum Vitae

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

- 2005-- **AUDI AG, Research and Development, Ingolstadt, Germany**
Model Coordinator with responsibility for choice of materials and corrosion protection systems for the Bentley Continental, Audi A8 and Audi A1 including budget responsibility (SAP). SET-Manager (Simultaneous Engineering Team) for a new car-model with complex multimaterial joining.
- 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 CO₂, SO₂ 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 CO₂, AlCl₃·6H₂O, MgCl₂·6H₂O, Na₂SO₄ and NaCl on the atmospheric corrosion of aluminum**
Corr. Sci. 48 (7) 1848-1866 (2006), 48 (7)
- 2005 **The Influence of SO₂ on The Atmospheric Corrosion of Mg and Mg-Al Alloys**
Submitted to J. Electrochem. Soc.
- 2005 **Influence of ppb levels of SO₂ 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**

- 2002 *J. Electrochem. Soc. Vol. 151 (2004) pp B621-B627*
Carbon Dioxide; the Unknown Factor in the Atmospheric Corrosion of Aluminum?
Proceedings of the 15th 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 CO₂ 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

- | | |
|-------------------|---------------|
| 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, Sep. 2010

Reference: Mr. Gunnar Larsson, prev. CTO Audi, Tel. +19498747317, gunnar.larsson@cox.net