

## CURRICULUM VITAE

**Name** Aeberhard Martin

**Date of birth** 13.3.1967

**Nationality** Swiss

**Qualification** MSc in Electrical Engineering  
Swiss Federal Institute of Technology, Zurich

**Current role** Co-owner and director  
Railectric GmbH

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### Education

1986 – 92 Electrical Engineering at the Swiss Federal Institute of Technology, Zurich

1989 – 90 Industrial placement with ABB Transportation Systems, Zurich and EdF Electricité de France, Paris

1992 Masters Degree in Electrical Engineering ETH Zurich, Specialisation in E. Power Systems

### Career

1992 – 96 Technical project manager at ABB Transportation Systems Ltd, Zurich (CH): Conceptual design and system studies for traction packages for electric locomotives and EMUs.

1996 – 98 Head of systems and controls at SLM Swiss Locomotive and Machine Works Ltd, Winterthur (CH): head of the team responsible for electric and pneumatic controls, responsibility for interfaces between electrical and mechanical parts of traction vehicles.

1998 Project manager at Enotrac Ltd, Uetendorf (CH): management of various projects in electric traction and railway power supply.

1998 – 2001 Project manager at Enotrac UK Ltd, Sutton (UK): management of various projects in electric traction and railway power supply, Europe and overseas.

2001 – 2004 Manager railway power supply at Enotrac Ltd, Uetendorf (CH): technical responsibility for all railway power supply projects, including AlpTransit Lötschberg and Gotthard base tunnels, as well as various international projects.

2005 – 2014 SBB (Swiss Federal Railways) Infrastructure Energy System Design, Zollikofen (CH): Responsibility for dimensioning of power supply systems on the SBB network, interfaces to other railway power supply infrastructures in Switzerland and international, interfaces between power supply and traction vehicles, since 2007 head of System Design.

2010 – Member of the Cenelec Working Groups TC9X WG C11 (Compatibility between rolling stock and power supply, prEN 50388-2) and TC9X WG C20 (Validation of simulation tools for railway power supply, prEN 50641)

January 2015 Founding of Railectric GmbH in Bern (CH)

2015 – Co-owner and director, Railectric GmbH

2015 - HES SO Fribourg: Lecturer CAS Electrical Installations and CAS signalling systems