
CV Dr. Rainer Bacher

Personal data

Date & place of birth 09 December 1958 in Västerås, Sweden
Citizenship Switzerland (Windisch, Aargau)
Legal status Married, two adult children
Languages German, English, French



Education, professional titles

1993-1999 Prof. Dr., Assistant Professor for Energy Management Systems, ETH Zürich, Department Electrical Engineering, Institute for Electrical Power Transmission & High Voltage Technology
1986 Dr. sc. techn. ETHZ (PhD, ETH Zürich, Switzerland)
1982 Dipl. El.-Ing. ETHZ (Certified Electrical Eng./Master Degree, ETH Zürich, Switzerland)

Main professional activities

2008 - BACHER ENERGY LTD, Baden, Switzerland, Managing Director: Management Consulting and SmartGrids Innovation Projects (Switzerland and Europe)
- Since 2000: Lecturer at ETHZ (Master course, D-ITET: Market design for smart electrical energy systems)
- More than 60 scientific and energy policy papers; more than 100 public presentations, workshops, tutorials; 3 PhD main referee; 5 PhD co-referee; International review of national research projects (France, Norway); Scientific Conference organizer; Scientific paper referee and viewer
- 2012+ Member of the Board (Verwaltungsratsmitglied) Industr. Betriebe Brugg (IBB)
- 2009+ Member of the Board (Vorstand) Electrosuisse
- 2009 Energy Expert for „Energie Dialog Schweiz“
- 2009+ Advisory expert to the President of European SmartGrids Technology Platform
- 2006-09 Vice-Chairperson EU SmartGrids Technology Platform Mirror Group
- 2006-09 Vice-Chairperson IEA (International Energy Agency) Implementing Agreement ENARD (Electricity Network Analysis Research and Development)
2002 - 08 Swiss Federal Office of Energy (Bundesamt für Energie, SFOE), Bern, Switzerland
- Section leader “Electricity Grids”
- Project leader Stromversorgungsgesetz (Electricity supply act, StromVG)
- Project leader AG LVS “Security of supply in high voltage networks”
- Project leader AG PAR “Regulation of parallel electricity networks”
2000 - 02 Bacher Consulting, Baden, Switzerland, Managing Director
1993 - 99 ETH Zürich, Switzerland: Assistant Professor for Energy Management Systems, Department Electrical Engineering, Institute for Electrical Power Transmission and High Voltage Technology
1990 - 93 ETH Zürich, Switzerland: Senior research assistant, ETH Zürich, Department Electrical Engineering, Institute for Electrical Power Transmission and High Voltage Technology
1989 - 91 Colenco Power Consulting AG, Baden, Switzerland (89: Seattle, U.S.A): Product manager and lead engineer “Distribution network information systems”
1986 - 89 Control Data Corporation, Minneapolis, U.S.A: Senior Electrical Engineer in R&D of advanced power system applications, section „Energy and Distribution Management Systems“