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## 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)
- 2000-2020: Lecturer at ETHZ (Master course, D-ITET: Market design for smart electrical energy systems)
    - o 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
  - 2018+ Technical Coordinator European Technology Platform on Smart Networks for the Energy Transition (ETIP SNET, European Commission)
  - 2012+ Member of the Board (Verwaltungsratsmitglied) Industr. Betriebe Brugg (IBB)
  - 2009-2018 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 Eng. in R&D of advanced power system applications, section „Energy and Distribution Management Systems“