Professors at PSL

Prof. Dr. Göran Andersson

Address

Power Systems Laboratory
ETH Zürich, ETL G 26
Physikstrasse 3
8092 Zürich

Room ETL G 26
Phone +41 44 632 08 16
Fax +41 44 632 12 52
eMail andersson@eeh.ee.ethz.ch

Curriculum Vitae

1975 M.Sc. degree in engineering physics from Lund University

1980 Ph.D. degree

1980-1986 Positions at ASEA, now ABB, in Ludvika, Sweden, where he worked with power system simulation, control and design, in particular with High Voltage Direct Current (HVDC) applications

1986-2000 Professor in Electric Power Systems at Royal Institute of Technology (KTH), Stockholm. At KTH he was the head of the power systems group. Main research topics were power systems dynamics and stability, e.g. voltage stability and angular stability, and power electronics in power systems.

since April 2000 Full Professor of the Power Systems Group at ETH.
Göran Andersson is Fellow of the Institute of Electrical and Electronic Engineers (IEEE), member of the Royal Swedish Academy of Sciences (KVA), and member of the Royal Swedish Academy of Engineering Sciences (IVA).

Courses

- **Energy System Analysis**
- **Power System Analysis**
- **Power System Dynamics and Control**

Publications

Journal Papers

- **Matthias A. Bucher and Göran Andersson**, Robust Corrective Control Measures in Power Systems with Dynamic Line Rating, Accepted for publication in Transactions on Power Systems.
- **Matthias Bucher, Spyros Chatzivasileiadis, Göran Andersson**, Managing Flexibility in Multi-Area Power Systems, Accepted for publication in Transactions on Power Systems.
- **Michael Koller, Theodor Borsche, Andreas Ulbig and Göran Andersson**, Review of grid applications with the Zurich 1 MW battery energy storage system, Electric Power Systems Research (EPRS), Volume 120, March 2015, Pages 128–135, doi:10.1016/j.epsr.2014.06.023.

Show all

Conference Papers

- **Charalampos Ziras, Evangelos Vrettos, Göran Andersson**, Primary Frequency Control with Refrigerators under Startup Dynamics and Lockout Constraints, IEEE PES General Meeting, Denver,
USA, 2015.


- **Hubert Abgottspon and Göran Andersson.** Medium-term optimization of pumped hydro storage with stochastic intrastage subproblems, Power Systems Computation Conference (PSCC), Wroclaw, Poland, 2014.


Show all

**Working Papers**


- **Evangelos Vrettos, Johanna L. Mathieu and Göran Andersson.** Extracting Individual Thermostatic Load States from Aggregate Power Consumption Measurements via Moving Horizon State Estimation.

**Further Publications**


- **Farid Comaty, Andreas Ulbig, Göran Andersson, ETH Zürich, Power Systems Laboratory.**
das geplante Stromsystem der Schweiz für die Umsetzung der Energiestrategie 2050 aus technischer Sicht geeignet? (Langfassung), Im Auftrag der SATW, Zürich, Juli 2014.


