

# Alumni (seit 2000)



**Dr. Gaby Hug-Glanzmann**

## Lebenslauf

1996 - 1997

Austauschjahr an der Delano High School in Minnesota, USA

Matura Typus B an der Kantonsschule Solothurn

Januar 1999

Praktikum bei Carbagas, Gümligen/Wiler

Januar - Oktober 1999

Studium der Elektrotechnik an der ETH Zürich

1999 - 2004

Praktikum Siemens AG, Zürich

Februar - April 2001

Praktikum bei Levitronix, Zürich

Februar - April 2002

Diplomarbeit am Institut für Automatik

Oktober 2003 - April 2004

Stipendiatin des Daimler-Chrysler Stipendiatenprogramms

2001 - 2004

Doktorandin am EEH - Power Systems Laboratory der ETH Zürich

Juni 2004 - März 2008

Erste Stelle nach Doktorat    Hydro One, Toronto, Kanada

## Publikationen

### Artikel in wissenschaftlichen Zeitschriften

- [Gabriela Hug-Glanzmann and Göran Andersson, N-1 Security in Optimal Power Flow Control Applied to Limited Areas, IET Gener. Transm. Distrib., 2009, Vol. 3, Iss. 2, pp. 206 - 215.](#)
- [Gabriela Hug-Glanzmann and Göran Andersson, Decentralized Optimal Power Flow Control for Overlapping Areas in Power Systems, IEEE Transactions on Power Systems, Vol. 24, No.1, February 2009, pp 327 - 336.](#)

### Konferenzbeiträge

- [Gabriela Hug-Glanzmann and Göran Andersson, An Accurate and Efficient Current Injection Method for the Determination of the System State during Line Outages, Presented at the 16th Power Systems Computation Conference, Glasgow, Scotland, 2008.](#)
- [Gabriela Hug-Glanzmann and Göran Andersson, Coordinated Control of FACTS Devices in Power Systems for Security Enhancement, Presented at the IREP conference, Charleston, USA, 2007.](#)
- [Gabriela Hug-Glanzmann, Rudy Negenborn, Göran Andersson, Bart De Schutter and Hans Hellendoorn, Multi-area control of overlapping areas in power systems for FACTS control, Presented at the PowerTech Conference, Lausanne, Switzerland, 2007.](#)
- [Gabriela Hug-Glanzmann and Göran Andersson, Incorporation of N-1 Security into Optimal Power Flow for FACTS Control, Presented at the Power Systems Conference and Exposition \(PSCE\), Atlanta, USA, October 2006.](#)
- [Gabriela Hug-Glanzmann and Göran Andersson, FACTS Control for Large Power Systems Incorporating Security Aspects, Presented at the X SEPOPE, Florianopolis, Brasil, 2006.](#)
- [Gabriela Hug-Glanzmann and Göran Andersson, Coordinated Control of FACTS Devices based on Optimal Power Flow, Presented at the North American Power Symposium \(NAPS\), Ames, USA, October 2005.](#)
- [Gabriela Hug-Glanzmann and Göran Andersson, Using FACTS devices to Resolve Congestions in Transmission Grids, Presented at the CIGRE/IEEE PES International Symposium, San Antonio, USA, October 2005.](#)
- [Gabriela Hug-Glanzmann, M. von Siebenthal, T. Geyer, G. Papafotiou and M. Morari, Supervisory Water Level Control for Cascaded River Power Plants, presented at the Hydropower Conference 05, 23 - 25 May 2005, Stavanger, Norway, 2005.](#)

### Dissertationen

- [Gabriela Hug-Glanzmann, Coordinated Power Flow Control to Enhance Steady-State Security in Power Systems, ETH Diss. 17586, 2008.](#)

### Sonstige Publikationen

- [Gabriela Hug-Glanzmann, FACTS - Flexible Alternating Current Transmission Systems, Technical Report, Zurich, 2004.](#)

[Zurück zur Übersicht](#)