Math Bollen

Professor, Chaired Professor Luleå University of Technology

Research Area: Electric Power Engineering

Division: Energy Science

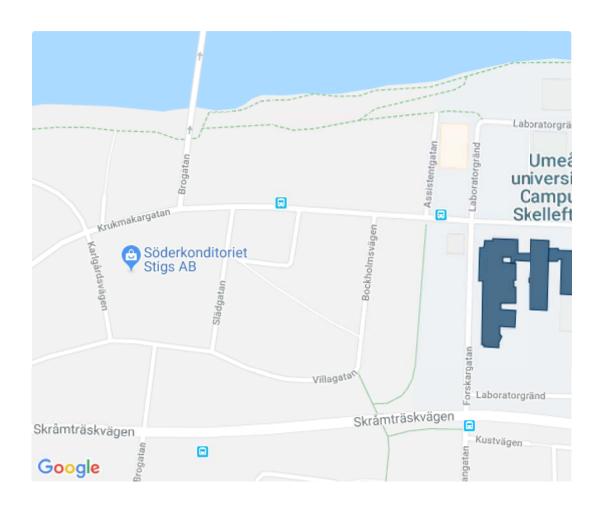
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Mathematics

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Publications

Conference paper

A LSTM-based deep learning method with application to voltage dip classification (2018)

Balouji. E, Gu. I, Bollen. M, Bagheri. A, Nazari. M
Part of: Proceedings of International Conference on Harmonics and
Quality of Power, ICHQP, Institute of Electrical and Electronics Engineers
(IEEE), 2018

Article in journal

A Robust Transform-Domain Deep Convolutional Network for Voltage Dip Classification (2018)

Bagheri. A, Gu. I, Bollen. M, Balouji. E IEEE Transactions on Power Delivery, ISSN: 0885-8977

Conference paper

A stochastic study of harmonic voltage distortion considering single-phase photovoltaic inverters (2018)

Schwanz. D, Busatto. T, Bollen. M, Larsson. A
Part of: Proceedings of International Conference on Harmonics and
Quality of Power, ICHQP, Institute of Electrical and Electronics Engineers
(IEEE), 2018

Conference paper

Big data from smart grids (2018)

Bagheri. A, Bollen. M, Gu. I

Part of: 2017 IEEE PES Innovative Smart Grid Technologies Conference Europe, ISGT-Europe 2017, proceedings, Institute of Electrical and Electronics Engineers (IEEE), 2018

Conference paper

Characterizing three-phase unbalanced dips through the ellipse parameters of the space phasor model (2018)

Bagheri. A, Bollen. M

Part of: 2017 IEEE PES Innovative Smart Grid Technologies Conference Europe, ISGT-Europe 2017, proceedings, Institute of Electrical and Electronics Engineers (IEEE), 2018

Find more in the publications portal

PUBLISHED: 10 October 2007 UPDATED: 26 November 2016 in

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Math Bollen

professor Electric Power Engineering Göteborg, Sverige Utbildningsadministration

Tidigare

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Luleå University of Technology STRI AB, Energy Markets Inspectorate, Chalmers University of Technology Eindhoven University of Technology

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Andra har även besökt



Stefan Roxenborg



Pinaki Mitra R&D Principal Engineer at ABB, Affiliated Faculty at KTH



Lennart Soder



Reza Baradar (Ph.D.) Power System Analyst at Vattenfall Eldistribution AB



Harold Vera Power Engineer, PhD (c)



Mohammad Reza Hesamzadeh Associate Professor in Electricity



Omar Kotb Electrical Power Engineer, PhD. Seeking new opportunities.



Offentligt profilmärke

Ahmad Karnama

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China just built a 250-acre solar farm shaped like a giant...

An unbelievably cute solar plant just started delivering power to the grid in Datong, China. Math Bollen gillar detta



Updating my complete publication list - including list of...

Math Bollen har delat



A brillians women was rewarded for years of hard work at...

The significant contribution of two University of Birmingham academics and one honorary

Se mer

Erfarenhet

professor in electric power engineering

Luleå University of Technology maj 2004 – nu (14 år 4 månader) | 931 87 Skellefteå, Sweden



Visa profil



Visa profilmärken

R&D Manager, Power Systems

STRI AB

oktober 2012 - oktober 2014 (2 år 1 månad) | Göteborg, Sverige



Technical expert

Energy Markets Inspectorate

april 2010 - september 2012 (2 år 6 månader)

Technical manager, power quality and distributed generation

november 2003 – april 2010 (6 år 6 månader) | Ludvika, Sverige

professor in electric power engineering

Chalmers University of Technology september 1996 – december 2003 (7 år 4 månader)



Teaching undergraduate and postgraduate courses on electric power systems. Setting up a research group with power quality as the central area, but also a lot of power electronics

Sök efter namn

LinkedIn har fler än 500 miljoner medlemmar.

Förnamn

Efternamn









Lecturer

UMIST

juli 1993 – augusti 1996 (3 år 2 månader)

The start of my international academic carreer. Teacing undergraduate courses on electrical engineering and programming for mechanical engineers and post-graduate courses on the MSc program on electric power engineering.

Research mainly on voltage dips, which received a lot of attention from both industry and academics

post-doctoral researcher

Eindhoven University of Technology september 1989 – juni 1993 (3 år 10 månader)



After my PhD I started doing research on the design of industrial distribution networks. I concentrated on reliability of supply and discovered that so-called "voltage dips" were the main problem.

guest researcher

University Netherlands Antilles september 1992 – december 1992 (4 månader)

A 3-month visit to this charming university on the island of Curacao, where I worked on reliability of island power systems

Utbildning

Eindhoven University of Technology

PhD, Electric power engineering 1985 – 1989

Aktiviteter och föreningar: power system protection; travelling waves; transformer modelling transmission-line modelling

Eindhoven University of Technology

MSc, Electrical Engineering

1978 – 1985

Kompetenser och intyg

Gå med i LinkedIn för att se Maths kompetenser, intyg och fullständiga profil

Språk

Dutch Swedish

Publikationer

Integration of Distributed Generation in the Power System

IEEE Wiley

Författare: Math Bollen, Fainan Hassan

Static series compensator for voltage dip mitigation with zero-sequence injection capability

Proceedings of 2003 IEEE Bologna PowerTech

juni 2003

Författare: Math Bollen, Cosmo Di Perna

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