



Celebrating 125 Years
of Engineering the Future

IEEE Region-8
IEEE Sweden Section
IEEE Norway Section



IEEE R8 Nordic Chapter Chair Conference

**R8 Power Chapters' Leadership
Workshop
&
IAS Seminar on Wind Power
Technologies**

Location: Stockholm, Sweden

Venue: Hotel Hilton Stockholm Slussen

Date: 13th -15th September 2009

Honorary Chairs: Józef Modelski, IEEE R8 Director
Thomas A Nondahl, IEEE IAS President

Organised by:

Robert Chin, IAS Sweden Chapter Chair, Robert.Chin@ieee.org

Tamás Ruzsányi, IAS Chapters Area Chair R8, R8 CCSC, Tamas.Ruzsanyi@ieee.org

Péter Magyar, IAS CMD Chair, R8 CCSC Chair, Peter.Magyar@ieee.org

Inge Bent Kindem, IAS Norway Chapter Chair, Kindem@unitech.no

Margaretha Eriksson, IEEE Sweden Section Chair, margaretha.eriksson@ieee.org

Terje Gjengedal, IEEE Norway Section Chair, terje.gjengedal@hotmail.com

Hosted by:

IEEE Sweden IAS Chapter

IEEE Norway IAS Chapter

Supported by:

IEEE Region 8

IEEE Sweden Section

IEEE Norway Section

IEEE Industry Applications Society CMD

ABB



Program

Sunday 13th September

R8 Power Chapters' Leadership Workshop

08.30 Registration

Session Chair: *Robert Chin, IAS Sweden Chapter, Chair*

| 09.00 – 09.30 Welcome Address

Thomas A Nondahl, IEEE IAS President

Margaretha Eriksson, IEEE Sweden Section, Chair

Terje Gjengedal, IEEE Norway Section, Chair

Costas Stasopoulos, IEEE Region-8 Secretary

09.30 – 10.00 Plenary Lecture

Jingbo Liu, Thomas Nondahl, Peter Schmidt, Semyon Royak and Mark Harbaugh: An On-Line Position Error Compensation Method for Sensorless IPM Motor Drives Using High Frequency Injection, *presented by*

Thomas A Nondahl, IAS President

Rockwell Automation, Milwaukee, WI, USA

10.00 – 10.15 Coffee break

10.15 – 10.45 IEEE Region-8 Overview

Costas Stasopoulos, R8 Secretary

Assistant Area Manager, Electricity Authority of Cyprus

10.45 – 11.05 IEEE IAS Products and Services

Thomas A Nondahl, IAS President

Rockwell Automation, Milwaukee, WI, USA

Session Chair: *Inge Bent Kindem, IAS Norway Chapter, Chair*

11.05 – 11.35 R8 Chapters Activities Overview

Peter Magyar, R8 Chapter Coordination Subcommittee Chair, IAS Chapters and Membership Department Chair

Advanced Engineering, Hella KGaA Hueck & Co., Germany

11.35 – 11:50 IEEE Power Chapters Activities Overview

Tamás Ruzsányi

R8 Chapter Coordination Subcommittee Member, IAS Chapters Area Chair Region 8

Technical Director, Ganz-Skoda, Budapest, Hungary

11:50 – 12:30 Chapter Forum, *moderated by Péter Magyar, R8 CCSC & IAS CMD Chair*

The Chapter Chairs Ask - The R8 Secretary & The IAS President & The Sweden and Norway Section Chairs Answer

12:45 – 13.30 Lunch

Session Chair: *Tamás Ruzsányi, IAS Chapters Area Chair R8, R8 CCSC Member*

13.45 – 16:15 Chapter Chair Presentations – Chapter Activities 2008/2009/2010

Croatia Section IAS Chapter: Igor Kuzle

Croatia Section IES/PELS Chapter, Zeljko Jakopovic

Denmark Section IAS/IES/PELS Chapter : Remus Teodorescu
Egypt Section PES Chapter: Ahmed F Zobaa
France Section PES Chapter: Anne-Marie Denis
Finland Section IAS/IES/PES/PELS Chapter: Raimo Sakki
Germany Section PES Chapter: Andreas Luxa
Germany Section IES/IAS/PELS Jt Chapter: Ingo Hahn
Greece Section PES Chapter: Anastasios Bakirtzis
Hungary Section PES Chapter: Laszlo Jermendy
Hungary Section IAS/PES Student Jt Chapter: Richard Cselko

16.15 – 16.30 Coffee break

Session Chair: *Margaretha Eriksson, IEEE Sweden Section, Chair*

16.30 – 19:00 Chapter Chair Presentations – Chapter Activities 2008/2009/2010
Hungary Section IAS Chapter: Tamás Ruzsányi
Jordan Section PES/DEIS Jt Chap: Yaser N Anagreh,
Norway Section IAS Chapter: Inge Bent Kindem
Republic of Macedonia IES/IAS/PELS Chapter: Zdravko Andonov
Russia Section IES/IPES/PELS Jt Chapter: Yuriy Rozanov
Serbia & Montenegro Section IES/IAS/PELS Chapter: Vladimir Katic
South Africa Section IES/PES/IAS/PELS Jt Chapter: Richardt Wilkinson
Spain Section IES/PELS Jt Chapter: Francisco J Azcondo
Sweden Section IAS Chapter: Robert Chin
Turkey Section Jt. Chapter IES/RAS: Hakan Temeltas
United Arab Emirates Section PES Chapter: Abdul Khadir Suhair

19.15 – 21.15 Dinner

Monday, 14th September

IAS Seminar on Wind Technologies

Invited Lectures

08.30 – 09.00 Registration

09.00 – 09.10 Welcome Address
Robert Chin, IEEE IAS Sweden Chapter, Chair

Session Chair: *Peter Magyar, R8 CCSC & IAS CMD Chair*

09.10 – 09.40 Wind Power – an Industry Growing and Learning
Claus Madsen
ABB, Denmark

09.45 – 10.15 Integration Of Large Scale Wind Power Plants
Terje Gjengedal
Statnett, Norway – IAS Norway Section, Chair

10.20 – 10.50 Integrated System Planning Approach And Grid Access Optimization
For Off-shore Wind Parks
Herbert Gambach
Siemens AG (Energy sector, Transmission division), Germany –
PES Germany Chapter

10.50 – 11.05 Coffee break

Session Chair: *Thomas A Nondahl, IAS President*

- 11.05 – 11.35 Integration Of Off-shore Wind Power On Oil & Gas Installations
Bjarne Idsoe Naess
Unitech Power Systems, Norway – IAS Norway Chapter
- 11.40 – 12.10 University Wind Power Research Activities In Sweden
Ola Carlsson
Chalmers Univ. of Technology, Sweden – IAS Sweden Chapter
- 12.15 – 12.45 Presentation Of Vestas Power Program
Remus Teodorescu
Aalborg Univ, Denmark – IAS/IES/PELS Denmark Chapter Chair
- 12.45 – 13.50 Lunch

Session Chair: *Costas Stasopoulos, R8 Secretary*

- 14.00 – 14.30 Technology Trend On Wind Power Generator
Raimo Sakki
ABB Oy, Finland – IAS/IES/PES/PELS Finland Chapter
- 14.35 – 15.05 HVDC Light Technology For Wind Power Application
Tomas Jonsson
ABB Corporate Research, Sweden- IAS Sweden Chapter
- 15.10 – 15.40 Superconducting Wind Power Generator
Waqas Arshad
ABB Corporate Research, USA
- 15.40 – 16.00 Coffee break

Session Chair: *Terje Gjengedal, IEEE Norway Section, Chair*

- 16.00 – 16.30 Connecting windfarms to the electrical power grid –today's solutions and future options
Andreas Luxa
Siemens AG (Energy sector), Germany Section Chair, PES chapter chair
- 16.35 – 17.00 Power Section In Cyprus And Problems That The Industry Is Facing
Costas Stasopoulos
Region 8 Secretary, Electricity Authority of Cyprus
- 17.05 – 17.30 Energy Storage In Connection With Wind Generation Production
Balint Hartman
President of Student Association of Energy, Hungary – Budapest University of Technology and Economics Student Branch IAS/PES Joint Chapter Chair
- 17.35 – 18.00 Possibilities Of Wind Energy Exploitation In Serbia
Vladimir Katic
University of Novi Sad, Serbia - IES/IAS/PELS Serbia and Montenegro Chapter Chair
- 18.30 – 19.00 Dinner reception
- 19.00 – 21.30 Dinner (Swedish celebration of IEEE 125th anniversary)

Tuesday, 15th September

IAS Seminar on Wind Technologies

Excursion

08.00 - 08.30 Checking out

08.30 Bus transfer to European Offshore Wind Conference & Exhibition
One-day visit to European Offshore Wind Conference & Exhibition:
<http://www.eow2009.info/>
The complete exhibitors list can be found in the following link:
<http://www.eow2009.info/index.php?id=144>

13.30 Bus transfer to Airport and/or back to Hilton Stockholm

Venue Information

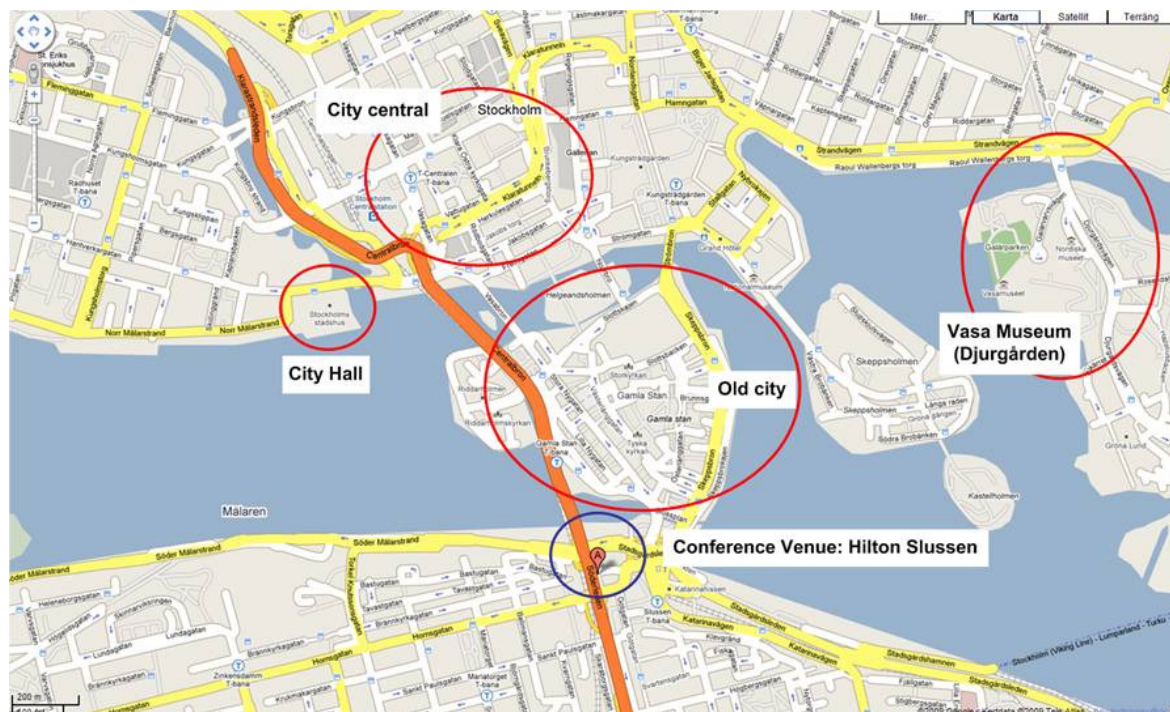
Hilton Stockholm Slussen Hotel

Guldgränd 8, Box 15270, Stockholm, Sweden 10465

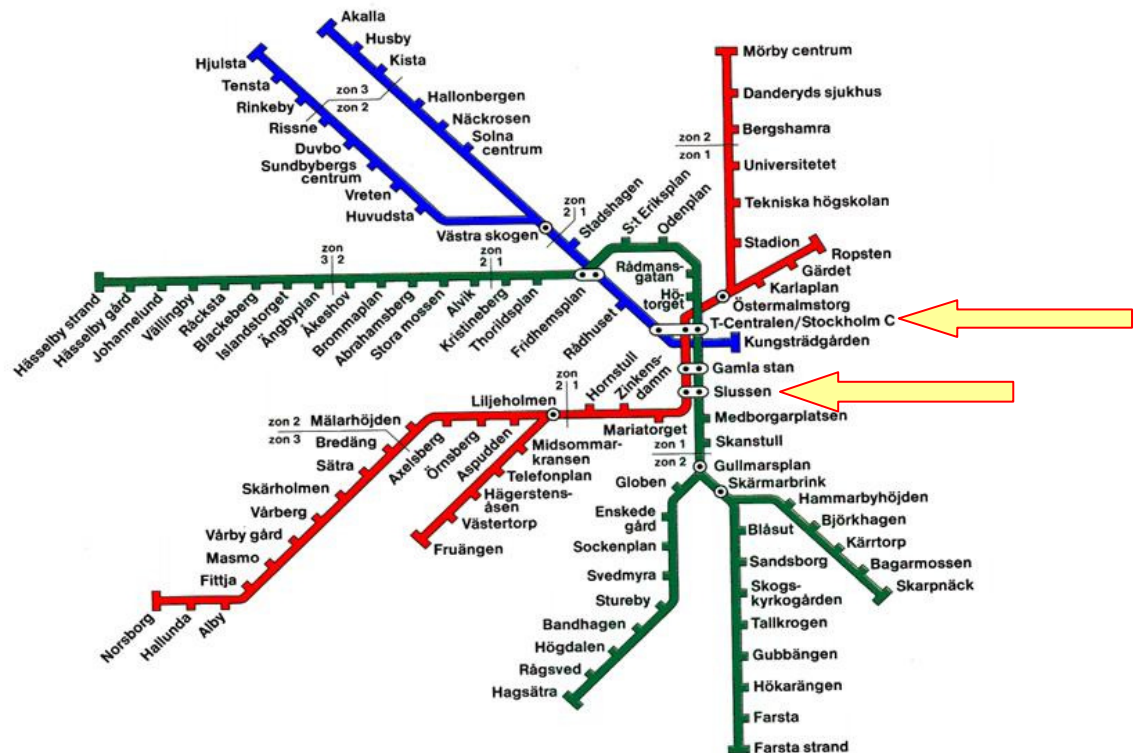
Tel: + 46-8-51735300, Fax: + 46-8-51735311

http://www1.hilton.com/en_US/hi/hotel/STOSLHI-Hilton-Stockholm-Slussen-hotel/index.do

Underground station: Slussen (2 stops from T-centralen)



Stockholm Underground (Tunnelbana)



Airport information

The main airport you should be looking for is **Stockholm Arlanda** (Airport Code **ARN**). With Arlanda express, it only takes about 20 mins to the Stockholm city center, and bus goes regularly also to the central station in every 10 to 15 mins.

Useful inks:

- i) <http://www.arlanda.se/en/> (everything you need to know about Arlanda)
- ii) <https://www.arlandaexpress.com/start.aspx> (Arlanda Express)
- iii) <http://www.flygbussarna.se/Default.aspx?lang=EN> (airport bus)

Useful links for further information on the city of Stockholm:

- i) <http://beta.stockholmtown.com/en/>
- ii) <http://www.stockholm.se/>

REGISTRATION FORM

IEEE IAS Seminar on Wind Power Technologies

**Monday September 14, 2009
Stockholm, Sweden**

First Name:

Family Name:

Affiliation:

**IEEE membership no.:
(if available)**

Optional Excursion: Yes or no
(15 September)

Lunch: Yes or no
(Please specify if special meal is required)

Dinner: Yes or no
(Please specify if special meal is required)

Fee:

- SEK 550 (Euro 55) for student/IEEE member
- SEK 1100 (Euro 110) for non-IEEE member
- **+ optional excursion** (Tuesday September 15): SEK 100 (Euro 10) for entrance. Free bus transfer from Hilton Stockholm (limited place available, with first-come, first-served basis)

Payment: **Swedbank** (Receiver: IEEE Sweden Section)
Bankgiro: 5130-5977
Account no.: 8327-9, 913 895 628-0

Please register by emailing the form to **(by latest Monday September 7):**

robert.chin@ieee.org

kindem@unitech-powersystems.com

Looking forward to your participation!

IEEE IAS Sweden and Norway Chapter