

MOTOR SUMMIT 08

6th international Summit for energy efficiency powered by S.A.F.E.

Rapid market penetration for energy efficient electric motor systems

Energy efficiency improvement is crucial to a sustainable energy future, including energy security, economic development and environmental protection. Electric motors and motor systems in industrial and building pump, fan, compressor, and traction applications use 40 % of total electricity. Existing and new technology designs offer the potential to reduce the typical energy demand of motor systems across the global economy by upwards of 30 % with short payback periods, if market barriers can be overcome.

The Swiss Agency for Efficient Energy Use (S.A.F.E.), in collaboration with the international harmonization initiative SEEEM (Standards for Energy Efficiency of Electric Motor Systems), the IEA 4E Motor Systems Annex and the Swiss Energy program Topmotors, is pleased to announce the Motor Summit 2008, to be held from 24 to 26 November 2008 in Zurich Switzerland. The second Motor Summit 08 continues in the tradition of the Light Summit 02, the Appliance Summit 03, the Electronics Summit 04, the Light Summit 05 and the Motor Summit 07 providing an international forum for authorities on motor system efficiency issues to discuss innovative technological developments, the current state of market penetration and strategies and actions to overcome barriers to the uptake of high-efficiency motor systems.

The Motor Summit 08 will bring together selected experts from research, government and the private sector, with the intent of supporting various ongoing processes, such as the work of the IEA in developing a global Efficiency Strategy for the G8, in the new IEA Implementing Agreement 4E, the EU Energy-using Products Directive, the harmonized IEC motor testing and energy classification standards, and the new USA law on making NEMA Premium Motors to become MEPS by 2011. The International Strategy day is held on 25 November, the Swiss implementation day is on 26 November. On 24 November 2008 a Side Event for invited guests is held at the same location on IEA 4E and EuP.

S.A.F.E. wants to contribute to the effort of SwissEnergy to reduce energy demand and stabilize electrical energy consumption by 2010 and beyond.

MOTOR SUMMIT 08

The International Day of the MS'08 will bring competent international speakers to inform on their recent findings in energy efficient motor systems and to discuss successful policies for a rapid market transformation.

MS'08 International Strategy		
Tuesday 25 November 2008		
Time	Topic	Speaker
09:00	Coffee	
	Introduction	
09:30	Welcome and introduction to MS'08	Conrad U. Brunner, S.A.F.E. and IEA 4E Motor Systems, Zurich, Switzerland
09:50	SwissEnergy efficiency strategy	Michael Kaufmann, Vice Director, Berne, Swiss Federal Office of Energy, Switzerland
	Key International Developments	
10:10	North American motor MEPS	Rob Boteler, NEMA/Emerson, USA
10:30	IEC harmonizes global testing standards and efficiency classes	Martin Doppelbauer, SEW-Eurodrive, Chairman IEC TC 2 WG 31, Germany
10:50	IEA energy efficiency strategy for G8	Paul Waide, IEA, Paris France
	Technical Developments	
11:10	Impact of Energy-using products: Europe on the fast track to MEPS	Ismo Grönroos-Saikkala, EC DG Tren, Brussels Belgium
11:30	Results of EuP Lot 11: Motors	Anibal de Almeida, University of Coimbra, Portugal
11:50	Results of EuP Lot 11: Pumps and circulators	Hugh Falkner, Atkins, UK
12:10	Industry drives clean technology	Peter Mazenauer, ABB, Switzerland
12:30	Lunch	
	Key National Programs	
13:40	India: Standards & labels for energy efficient motors	Jiwesh Nandan, Bureau of Energy Efficiency, Delhi, India
14:00	Australia: Experience with enforcement and testing program	Hugh Falkner, Atkins, UK
14:20	China: Motor standards and labels	Zhang Xin, CNIS, Beijing, China
14:40	Canada: Test results from motors with variable frequency drives	Pierre Angers, Hydro Quebec, Canada
15:00	Brazil: Industrial energy efficiency activities	George Soares, Electrobras, Rio de Janeiro, Brazil
15:20	Questions & Answers	
	Future Developments	
15:40	Global Overview of Policies for Motor Systems	Paolo Bertoldi, European Commission DG JRC, Ispra Italy
16:00	Panel discussion	Paolo Bertoldi, Rob Boteler, Paul Waide, Zhang Xin; Moderator Conrad U. Brunner
17:00	EEMODS'09 Nantes France	Rodolphe Beaugrand, Cetim, France
17:20	End	
19:00	Reception and Dinner	University of Zurich, Tower Restaurant

MS'08 Umsetzung in der Schweiz

Mittwoch, 26. November 2008

Zeit	Thema	Vortragende
09:00	Kaffee und Gipfeli	
	Einführung	
09:30	Begrüssung und Tagesziel: Ergebnisse des internationalen Tages	Conrad U. Brunner, S.A.F.E., Zürich
09:50	Schweizerische Effizienzpolitik: Synchron mit Europa	Walter Steinmann, Direktor BFE, Bern
10:10	Industrie sieht Chancen für Energieeffizienz im Strom	Gabi Hildesheimer, ÖBU, Zürich
	Lernen von Europa	
10:30	Energy+ Pumps	Claus Barthel, Wuppertal Institut, Deutschland
10:50	Industrieprogramm in Österreich	Konstantin Kulterer, Österreichische Energieagentur, Wien
11:10	Industrieprogramm in Deutsch- land	Martin Streibel, Deutsche Energie-Agentur dena, Berlin
11:30	Bessere Pumpen	Markus Teepe, Wilo, Dortmund, Deutschland
11:50	Energieeffiziente Ventilatoren, Eigenschaften und Anwendungen	Uwe Sigloch, ebm-papst, Muldingen, Deutschland
12:10	Energieeffizienz und Motoren: Forschungsergebnisse und politische Umsetzung	Roland Brüniger, Felix Frey, BFE, Bern
12:30	Mittagessen Stehlunch	
	Anwendung für die Schweiz	
14:00	Topmotors-Pilotprojekte: Mit EnAW zur Optimierung von Industriebetrieben	Thomas Stetter, EnAW, Zürich
14:20	Software Tools für Strategen und Betriebsfachleute	Thomas Heldstab, Topmotors, Zürich
14:40	Ergebnisse des Motor-Checks bei EKZ Grosskunden	Jürg Nipkow, Arena, Zürich
15:00	Zusammenarbeit von Hoch- schulen in Forschung und Lehre	Max Schalcher, Peter Kühne, HTW Chur
15:20	Prüfstand für Motoreffizienz	Felix Leumann, Leumann & Uhlmann, Muttenz
15:40	Effiziente Elektromotoren bei neuen Anforderungen an Bauten	Christoph Gmür, Awel Kanton Zürich
	Schlussrunde	
16:00	Effizienz als nachhaltige Invest- mentchance	Robert Hauser, Leiter Nachhaltigkeits- research, ZKB, Zürich
16:20	Paneldiskussion	Felix Frey, BFE; Michael Klein, Baldor; Sonja Studer, Swissem; Max Zürcher, EnAW; Moderation: Conrad U. Brunner
17:00	Aperitif	

Der Schweizer Tag am MS'08 wird den Start des neuen Schwerpunktes «Effiziente elektrische Motoren und Antriebe» von energieSchweiz zeigen.

Fachleute aus den massgeblichen Ämtern von Bund, Kantonen, Städten und Energieversorgungsunternehmen werden zusammen mit Motorenherstellern und -anwendern, Energiefachleuten, etc. diskutieren, wie effiziente Motorensysteme rascher in den Markt gebracht werden können. Internationale Gäste vermitteln aktuelle Erfahrungen aus ihren Umsetzungsprogrammen.

Date

From 24 to 26 November 2008

Organization

S.A.F.E.
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Host

S.A.F.E. (organization)
Topmotors
SEEEM
SwissEnergy

Partners

EKZ
Energie-Agentur der Wirtschaft EnAW
Faktor Publishers
Motor Challenge
ÖBU
ProKlima
Swissmem
Swiss Technology Network

Sponsors

Swiss Federal Office of Energy
S.A.F.E.
Awel Canton Zurich

Conference venue

Zentrum Glockenhof
Sihlstrasse 33, CH-8001 Zurich
+41 (0)44 225 93 93

Registration

Conference
Please register by 15 September 2008
www.seeem.org (english)
www.energy-efficiency.ch (english)
www.energieeffizienz.ch (deutsch)

Documentation

A documentation of executive summaries will be handed to all participants at the conference. The full presentations in slides, etc. will be made available shortly after the conference to all participants and the public under www.seeem.org and www.energy-efficiency.ch

Hotel Accommodation

Make your reservation directly to one of our three conference hotels (please mention «Motor Summit» to profit from the group arrangement):

Hotel Glockenhof, Sihlstrasse 31, CH-8001 Zürich,
+41 (0)44 225 91 91, www.glockenhof.ch
Single room CHF 320 (including breakfast)
Mail before 15 September 2008 to: info@glockenhof.ch

Hotel Seidenhof, Sihlstrasse 9, CH-8001 Zürich
+41 (0)44 228 75 00, www.seidenhof.ch
Single room CHF 225 (including breakfast)

Mail before 15 September 2008 to: info@seidenhof.ch

Hotel City, Löwenstrasse 34, CH-8001 Zürich
+41 (0)44 217 17 17, www.hotelcity.ch
Single room CHF 170 (including breakfast)

Mail before 15 September 2008 to: hotelcity@hotelcity.ch

Conference fee (including conference documentation)

	CHF	Euro
Complete registration for 25 & 26 November 2008 (including lunch 25 & 26 November 2008, dinner 25 November 2008 and reception 26 November 2008)	300	180
Registration for 25 November 2008 International Strategy day (including lunch 25 November 2008, without dinner)	180	120
Registration for 26 November 2008 Swiss Implementation day (including lunch and reception 26 November 2008)	180	120
Registration for dinner 25 November 2008	60	40

Members of ÖBU, ProKlima, S.A.F.E., SEEEM, Swissmem, SwissTnet or Topmotors will receive a discount of 20%.

Payment

You will receive payment instructions after registration.

Conference overview

24. November 08 Monday Side Event	25. November 08 Tuesday (english)	26. November 08 Wednesday (deutsch)
SEEEM, EuP and IEA 4E Motor Systems	International Strategy	Swiss Implemen- tation
am session (invita- tion only)	am Session	am Session
pm Session (invita- tion only)	pm Session	pm Session
Welcome Dinner Speakers and VIP (invitation only)	MS'08 Dinner	Reception