

# Global Motor Systems Network



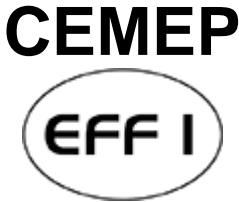


EMSA Newsletter no. 1/2010

Zurich February 2010:  
Happy New Year - and see you all at the **Motor Summit 2010 in Zurich**

1	<p>This is the fourth edition of the Electric Motor Systems Annex (EMSA) Newsletter. Our subscription has grown now to 1'600 people from 60 countries. Global Motor Systems Network is the outreach project of EMSA in the International Energy Agency's Implementation Program 4E: <b>Efficient Electrical End-Use Equipment</b>.</p> <p>If you would like to know more about 4E subscribe to <b>Bright Spark</b> at: <a href="http://www.iea-4e.org/bright-spark-newsletter">www.iea-4e.org/bright-spark-newsletter</a></p>	
---	---	--

Events																																				
2	<p>The next <b>Motor Summit (MS'10)</b> will be held from 27 to 28 October 2010 in Zurich, Switzerland.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th style="width: 15%;">Monday 25.10.2010</th> <th style="width: 15%;">Tuesday 26.10.2010</th> <th style="width: 15%;">Wednesday 27.10.2010</th> <th style="width: 15%;">Thursday 28.10.2010</th> </tr> </thead> <tbody> <tr> <td><b>EMSA/OA Internal meeting</b></td> <td><b>EMSA/Australia Testing Centers</b></td> <td><b>EMSA/UK New Motor Technology</b></td> <td><b>MS'10/Topmotors International Day</b></td> <td><b>MS'10/Topmotors Swiss Implementation Day</b></td> </tr> <tr> <td>Invitation only English</td> <td>Members plus public English</td> <td>Members plus public English</td> <td>Open English</td> <td>Open German</td> </tr> <tr> <td style="background-color: #e0f0ff;">am session Progress Report</td> <td style="background-color: #e0ffe0;">am session Progress report presentations</td> <td></td> <td style="background-color: #fff0e0;">am session Key Note: BFE director, Walter Steinmann</td> <td style="background-color: #ffe0e0;">am session Key Note: BFE ECH Michael Kaufmann</td> </tr> <tr> <td colspan="5" style="text-align: center;">Lunch</td> </tr> <tr> <td style="background-color: #e0f0ff;">pm session Conclusions</td> <td style="background-color: #e0ffe0;">pm session Discussion conclusions</td> <td style="background-color: #e0ffe0;">pm session Progress report discussion conclusions</td> <td style="background-color: #fff0e0;">pm session</td> <td style="background-color: #ffe0e0;">pm session</td> </tr> <tr> <td style="background-color: #e0f0ff;">Reception Welcome dinner</td> <td colspan="2" style="background-color: #e0ffe0;">Free time</td> <td style="background-color: #fff0e0;">Reception MS'10 Dinner</td> <td style="background-color: #ffe0e0;">Apero</td> </tr> </tbody> </table>	Monday 25.10.2010	Tuesday 26.10.2010	Wednesday 27.10.2010	Thursday 28.10.2010	<b>EMSA/OA Internal meeting</b>	<b>EMSA/Australia Testing Centers</b>	<b>EMSA/UK New Motor Technology</b>	<b>MS'10/Topmotors International Day</b>	<b>MS'10/Topmotors Swiss Implementation Day</b>	Invitation only English	Members plus public English	Members plus public English	Open English	Open German	am session Progress Report	am session Progress report presentations		am session Key Note: BFE director, Walter Steinmann	am session Key Note: BFE ECH Michael Kaufmann	Lunch					pm session Conclusions	pm session Discussion conclusions	pm session Progress report discussion conclusions	pm session	pm session	Reception Welcome dinner	Free time		Reception MS'10 Dinner	Apero	<p>For registration and detailed program of the MS'10: <a href="http://www.motorsummit.ch">www.motorsummit.ch</a></p> <p>Prior to MS'10 a two-day workshop for EMSA will be held at the same venue. If you are interested in attending the Workshops on Testing Centres and New Motor Technology you can also send an e-mail to <a href="mailto:cub@cub.ch">cub@cub.ch</a></p>
Monday 25.10.2010	Tuesday 26.10.2010	Wednesday 27.10.2010	Thursday 28.10.2010																																	
<b>EMSA/OA Internal meeting</b>	<b>EMSA/Australia Testing Centers</b>	<b>EMSA/UK New Motor Technology</b>	<b>MS'10/Topmotors International Day</b>	<b>MS'10/Topmotors Swiss Implementation Day</b>																																
Invitation only English	Members plus public English	Members plus public English	Open English	Open German																																
am session Progress Report	am session Progress report presentations		am session Key Note: BFE director, Walter Steinmann	am session Key Note: BFE ECH Michael Kaufmann																																
Lunch																																				
pm session Conclusions	pm session Discussion conclusions	pm session Progress report discussion conclusions	pm session	pm session																																
Reception Welcome dinner	Free time		Reception MS'10 Dinner	Apero																																
3	<p>Members of EMSA have delivered a number of key <b>presentations at EEMODS'09</b> in September 2009 in Nantes France. All conference papers are now available at <a href="http://www.eemods09.fr">www.eemods09.fr</a> under proceedings.</p>																																			
4	<p>The XIX <b>International Conference on Electrical Machines (ICEM)</b> will be held on 6-8 September 2010 in Rome, Italy. For program and registration see: <a href="http://www.icem2010.it/">www.icem2010.it/</a></p>																																			

EMSA		
5	<p><b>Next EMSA meeting</b> in Vienna, Austria The EMSA project group will meet on 1 and 2 March 2010 to discuss progress and plan the second project year in 2010. This is an "Invitation Only" meeting of project participants.</p>	<p>If your country is interested to participate in EMSA send an e-mail to <a href="mailto:cub@cub.ch">cub@cub.ch</a></p>
6	<p><b>Testing Centres Network</b> Australia (Department of the Environment, Water, Heritage and the Arts DEWHA) has started the Testing Centres Network of EMSA. If you want to join, please contact directly Sarah Hatch by e-mail: <a href="mailto:sarah.hatch@environment.gov.au">sarah.hatch@environment.gov.au</a></p>	
7	<p>EMSA works at present according to the seven <b>Tasks shown to the right</b>. We have also started Task D on "Instruments for a Coherent Motor Policy" this year.</p> <p>If you would like to reach one of the Task Leaders go directly to: <a href="http://www.motorsystems.org/contact">www.motorsystems.org/contact</a></p>	<ul style="list-style-type: none"> <li><b>A</b> Implementation support &amp; outreach</li> <li><b>B</b> Technical guide for motor systems</li> <li><b>C</b> Testing centers</li> <li><b>D</b> Coherent motor policy</li> <li><b>E</b> Training &amp; capacity building</li> <li><b>F</b> Energy management in industry</li> <li><b>G</b> New motor technologies</li> </ul>

News		
8	<p><b>CEMEP withdraws the EFF Logo</b> The Voluntary Agreement CEMEP/EU defined three motor efficiency classes for low-voltage three-phase motors EFF1, EFF2 and EFF3. It was launched in 1998 and renewed in 2006, expiring at the end of 2009. From 10 February 2010 new motors, which are placed on the market, are not allowed to use the EFF-trademarks (EFF1, EFF2 and EFF3) anymore. CEMEP recommends using the new efficiency classes of IEC 60034-30 (IE-code).</p>	 <p><a href="http://www.cemep.org">www.cemep.org</a></p>
9	<p><b>New EC regulation draft on fans</b> After the July 2009 European Commission Regulations for Ecodesign Requirements as mandatory Minimum Energy Performance Standards for electric motors and circulator pumps there is now a new Ecodesign regulation draft on fans 125 W - 500 kW ready for discussion. The introduction of mandatory standards is planned for 2012 (first phase) and 2015 (second phase). If you are interested and would like to receive a copy send an e-mail to <a href="mailto:cub@cub.ch">cub@cub.ch</a></p>	
10	<p>The <b>Guide for the Selection and Application of Energy-Efficient Motors IEC 60034-31</b> has been approved on 10 January 2010 and will be available shortly at IEC: <a href="http://webstore.iec.ch/">http://webstore.iec.ch/</a></p>	

11	IEC TC2/WG28 has published the committee draft CD IEC 60034-2-3: Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of <b>converter-fed AC</b> machines. Comments have been received and are now under discussion.	If you need a copy of the draft send an e-mail to <a href="mailto:cub@cub.ch">cub@cub.ch</a> .
12	IEC TC2/WG28 is discussing the draft report of the international <b>IEC Round Robin</b> motor testing program at its next meeting on 20 - 22 April 2010 in Passau. Accuracy and repeatability in the planned revision of IEC 60034-2-1 will be improved.	If you would like to be informed on the upcoming Round Robin report send an e-mail to <a href="mailto:cub@cub.ch">cub@cub.ch</a>
13	The revised IEC 60034-1 Ed.12: Rotating electrical machines - Part 1: <b>Rating and performance</b> has passed the vote and will be published shortly.	You can buy the printed document as soon as it is available at <a href="http://webstore.iec.ch/">http://webstore.iec.ch/</a> .

If you have any questions please feel free to ask. If you are running a national motor efficiency program: Tell us!

EMSA secretariat has a new staff: Rita Werle ([rita.werle@abinternational.ch](mailto:rita.werle@abinternational.ch)), formerly at the European Commission Joint Research Centre in Ispra, has joined our crew. Welcome!

Best regards from Zurich Switzerland

Conrad U. Brunner

EMSA (Operating Agent)  
Gessnerallee 38a, 8001 Zurich Switzerland  
[cub@cub.ch](mailto:cub@cub.ch), Tel +41 (0)44 226 30 70

---

EMSA is the Electric Motor Systems Annex of the International Energy Agency IEA Implementation Agreement on Efficient Electrical End-Use Equipment 4E. Currently Australia, Austria, Denmark, Netherlands, United Kingdom and Switzerland participate actively in EMSA together with Canada, France, Korea and USA in 4E.

---

If you would like to subscribe to this Newsletter or would like to download some backup copies go to [www.motorsystems.org/ems-newsletter](http://www.motorsystems.org/ems-newsletter).

If you do not want to receive this Newsletter any more: Please send us a short note to [info@motorsystems.org](mailto:info@motorsystems.org). Thanks!

**Copyright ©:** If you would like to copy or quote one of our items, go ahead. Please send as a proof for the archive.