EMSA Newsletter no. 1/2010

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

1 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: Efficient Electrical End-Use Equipment.

If you would like to know more about 4E subscribe to Bright Spark at: www.iea-4e.org/bright-spark-newsletter

2 The next Motor Summit (MS’10) will be held from 27 to 28 October 2010 in Zurich, Switzerland.

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 cub@cub.ch

3 Members of EMSA have delivered a number of key presentations at EEMODS’09 in September 2009 in Nantes France. All conference papers are now available at www.eemods09.fr under proceedings.

4 The XIX International Conference on Electrical Machines (ICEM) will be held on 6-8 September 2010 in Rome, Italy. For program and registration see: www.icem2010.it/
### EMSA

**5 Next EMSA meeting 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.

If your country is interested to participate in EMSA send an e-mail to cub@cub.ch

**6 Testing Centres Network**
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: sarah.hatch@environment.gov.au

**7 EMSA works at present according to the seven Tasks shown to the right.** We have also started Task D on “Instruments for a Coherent Motor Policy” this year.

If you would like to reach one of the Task Leaders go directly to: www.motorsystems.org/contact

### News

**8 CEMEP withdraws the EFF Logo**
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).

![CEMEP](http://www.cemep.org)

**9 New EC regulation draft on fans**
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 cub@cub.ch

**10 The Guide for the Selection and Application of Energy-Efficient Motors IEC 60034-31 has been approved on 10 January 2010 and will be available shortly at IEC:** [http://webstore.iec.ch](http://webstore.iec.ch/)
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 converter-fed AC machines. Comments have been received and are now under discussion.

If you need a copy of the draft send an e-mail to cub@cub.ch.

12 IEC TC2/WG28 is discussing the draft report of the international IEC Round Robin 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 cub@cub.ch.

13 The revised IEC 60034-1 Ed.12: Rotating electrical machines - Part 1: Rating and performance has passed the vote and will be published shortly.

You can buy the printed document as soon as it is available at http://webstore.iec.ch.

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), formerly at the European Commission Joint Research Centre in Ispra, has joined our crew. Welcome!

Best regards from Zurich Switzerland

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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.

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