



SAIT Newsletter

Tribology: Friction, Wear and Lubrication



In collaboration with the SAIT, the **University of the Witwatersrand** will be running a course on Tribology: Friction, Wear and Lubrication, from 19th to 23rd September 2011.

To register online visit www.witsenterprise.co.za, or contact Melissa Moodley at 011 717-4598 or at e-mail Melissa.Moodley@wits.ac.za.

The University of the Witwatersrand has a dynamic School of Chemical and Metallurgical Engineering, which covers many aspects of Tribology.

STLE - CLS, OMA & CMFS Exams & "SAIT CLS Study Course"

The South African Institute of Tribology will host the Certified Lubrication Specialist (CLS), the Oil Monitoring Analyst (OMA) and the Certified Metalworking Fluids Specialist (CMFS) examinations of the Society for Tribologists & Lubrication Engineers (STLE) on **Friday 18 November 2011**. The venue is Science Park and the time from 09:00 to 12:00. **The exam is open to SAIT members in good standing.**

The SAIT will present the two-day **SAIT CLS Study Course** (16 and 17 November) immediately before the exam to help prepare for it. Attendance is strongly advised, especially bearing in mind the imperial measurements that are used and the focus on steel industry lubrication. The course will be facilitated by a current CLS holder, and study modules can be made available before the course dates, if

needed. The STLE exam standard is high and the pass mark is 70%. Global pass rates are around 50%. **Registration for the SAIT CLS Study Course closes on 30 September 2011.**

For further information please contact Gill Fuller at phone +27 11 802-5145, or e-mail her at secretary@sait.org.za.

SAIT Calendar, 2011

Date	Event	Venue
11 August 2011	Basics of Lubricating Oils	Science Park, 1 Northway, Kelvin, Sandton
15 – 19 August 2011	Lubrication Engineering 74	Breakwater Lodge, V&A Waterfront, Cape Town
7 September 2011	Introduction to Lubrication Engineering	Science Park, 1 Northway, Kelvin, Sandton
8 September 2011	Introduction to Wear and Materials	Science Park, 1 Northway, Kelvin, Sandton
19 – 23 September 2011	Lubrication Engineering 75	Science Park, 1 Northway, Kelvin, Sandton
16 & 17 November 2011	SAIT CLS Study Course	Science Park, 1 Northway, Kelvin, Sandton
18 November 2011	STLE - CLS, OMA & CMFS EXAMS	Science Park, 1 Northway, Kelvin, Sandton

Tribology in Action

Both toothbrush bristles and toothpaste provide cleansing abrasion, but are balanced by a carrier fluid within the toothpaste that provides lubrication, thus preventing damage to the enamel of the tooth.



Readers' Contributions

If you have a fascinating Tribological tale to tell, please send it to either secretary@sait.org.za or admin@sait.org.za. Articles should not be longer than 200 words, and should be double-spaced for easy editing.

Photographs and illustrations are also welcome, as are ideas for 'Tribology in Action'.

International

Tribology-Related Events, 2011

Education for Sustainability - International Greening Education Event 2011, Karlsruhe – Germany. 19 to 21 October 2011. for further information, go to event details at <http://www.etechgermany.com/IGEE2011.pdf>

Eco Expo Asia, the international trade fair on environmental protection will be taking place in Hong Kong from 26 – 29 October 2011. Contact Ms. Lisa Kuntze on Tel: +27 (0)11 486 2775 or send an e-mail to lkuntze@germanchamber.co.za.

International Tribology Conference, Hiroshima 2011: 31 October – 3 November 2011. E-mail nagamura@mec.hiroshima-u.ac.jp for further information.

IFHTSE 19th International Congress 2011, The Grand Central Hotel, Glasgow 17th - 20th October 2011. For further information e-mail ifhtse@in-conference.org.uk or go to www.ifhtse2011.org.

VII International Conference, Lubricants Russia 2011: November 9 – 10 2011, Renaissance Moscow Hotel. To register contact Elena Konstantinova at Konstantinova.Elena@rpi-inc.com or go to <http://www.rpi-conferences.com>.

TAE 18th International Colloquium Tribology, Industrial and Automotive Lubrication: 10 – 12 January, 2012 in Stuttgart/Ostfildern, Germany. E-mail info@tae.de for further information; visit website www.tae.de/tribology/; phone +49 71-34008-0 or fax +49 711 34008-65