



Society of Tribologists and Lubrication Engineers
Caribbean Region Section
in collaboration with the
Engineering Department of
The University of The West Indies, St. Augustine



Presents

**Annual Tribology Conference, Education Course
 and Young Engineer's Forum**

at **Cara Suites Hotel, Southern Main Road, Claxton Bay,
 Trinidad and Tobago. March 17th to 20th, 2008.**

MANAGING DIVERSITY FOR EXCELLENCE

2008 COURSE: CONDITION BASED MAINTENANCE LUBE OIL ANALYSIS
3 DAY COURSE OUTLINE IS AS FOLLOWS:

I. Understanding Lube Oil Systems:

- A. Hydraulics.
- B. Gears.
- C. Bearings.
- D. Engines.
- E. Turbines.

II. Data Interpretation Fundamentals:

- A. Lube oil condition.
- B. Contamination.
- C. Wear and Fatigue.

III. Wear Particle Analysis

- A. Wear Regimes.
- B. Ferrous Wear Particles.
- C. Non-Ferrous Wear Particles.

IV. Program Management

- A. The role of Oil Analysis.
- B. Setting Program Goals.

V. Lubrication Excellence

- A. Auditing.
- B. Training.
- C. Storage.
- D. Dispensing.
- E. Managing Cost.
- F. Lubricant Selection.

VI. New Technologies

- A. Reliability Centred.
- B. Condition Based.
- C. IT and Maintenance.

VII. Technology Integration

- A. Lube oil analysis.
- B. Vibration.
- C. Infrared.
- D. Ultrasonic.
- E. Filtration.



TRIBOLOGY

the science and technology concerned with interacting surfaces in relative motion, including friction, lubrication, wear and erosion.

-ASTM Committee G-2 on Wear and Erosion

Mission Statement

The Society of Tribologists and Lubrication Engineers Mission Statement is to advance the Science of Tribology and the Practice of Lubrication Engineering in order to foster innovation, improve the performance of equipment and products, conserve resources and protect the environment.

Instructor

Mr. Jack Poley of Condition Monitoring International, Miami. USA.

Young Engineer's

A select few UWI engineering students present their final year project.

Registration

Registration forms available from STLE office, via email, fax or website.

Certification

Hosting of STLE OMA Level 1 & Level 2 Exams & the CLS Exam.

CALENDAR OF EVENTS:

	DATE	TIME
Opening Ceremony	17 MAR	10:00AM
	till	12:00PM
Young Engineer's Forum	17 MAR	1:00PM
	till	3:00PM
Education Courses	18 MAR	8:00AM
	to 20 MAR	3:00PM
OMA/CLS Examinations	20 MAR	9:00AM
	to	12:00PM

Office Location

C/o TOSL Engineering Building
 8 -10 Maharaj Avenue, Marabella
 Trinidad, West Indies.

Course Admission

Members	Non-members
\$7500	\$8000

WHAT'S INCLUDED

This course is designed for Maintenance and Operations Technicians, Managers, Supervisors, Engineers, Field and Plant Operators.

Participants will receive the following package: a) Education Course Material, b) Conference Bag, c) Polo Jersey, d) 1 Year membership

with STLE, e) Certificates with 2.5 CEU approved by STLE and The University of The West Indies, & f) All meals and refreshments.

This course will be held at the Cara Suites Hotel and Conference Center during the period 18th - 20th March 2008 from the hours of 8:00am - 3:00pm.

Course fees are as follows: STLE Members \$7500.00 and Non STLE Members \$8000.00. You and your colleagues are kindly asked to participate and to register by calling the STLE office at 652 1042 for additional information.

Contact us, Monday to Friday 9:00am to 3:00pm

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