

REGISTRATION

MECHANICS OF HEAVY-DUTY TRUCK SYSTEMS

Please fill in your details below and fax, post or e-mail to:

Mechanics of Heavy Duty Truck Systems, SARF Head Office, PO Box 31577, Braamfontein, 2017, South Africa

Tel: +27 11 403 5603

Fax: +27 11 403 7736

E-mail: administrator@sarf.org.za

Web: www.sarf.co.za

LAST NAME FIRST NAME TITLE

ORGANISATION DEPARTMENT/FLOOR

ADDRESS

(CONT)

PROVINCE/STATE/COUNTY POST CODE COUNTRY TELEPHONE

EMAIL AND WEB ADDRESS

VAT NUMBER (South African delegates only) SIGNATURE

REGISTRATION FEE R13 000 R 13 000

R1000 DISCOUNT FOR PAYMENT RECEIVED BY 01 FEB. 2011 -R

SUBTOTAL R

14% VAT R

TOTAL R

I WISH TO PAY BY:

☐

CHEQUE PAYABLE to SOUTH AFRICAN ROAD FEDERATION

☐

PURCHASE ORDER USING PO NUMBER

☐

ELECTRONIC TRANSFER to: SOUTH AFRICAN ROAD FEDERATION

NEDBANK BRANCH CODE 190605

ACCOUNT # 1906 352208

PLEASE QUOTE THE TAX INVOICE NUMBER AND FAX TO +27 11 403 7736



**A FOUR DAY EVENT, LED BY
CHRIS WINKLER, TOM GILLESPIE
& STEVE KARAMIHAS**

**UNIVERSITY OF MICHIGAN TRANSPORTATION
RESEARCH INSTITUTE**

CSIR
COUNCIL FOR
SCIENTIFIC AND
INDUSTRIAL
RESEARCH



**SOUTH AFRICAN
ROAD FEDERATION**



**UNIVERSITY OF
THE
WITWATERSRAND**

18 - 21 APRIL, 2011

INTRODUCTION

The South African Road Federation is pleased to present a four-day event focused on the dynamics of trucks. The event will include the definitive UMTRI course on heavy truck dynamics as well as hands-on computer exercises. A South African perspective and update on the performance-based standards initiative is included.

THE INSTRUCTORS

Chris Winkler has been involved in research in heavy-duty trucks throughout his 40-year career at the University of Michigan Transport Research Institute (UMTRI). Chris has served ten years as US delegate to the Vehicle Dynamics and Road Holding committee of the ISO.

Tom Gillespie is a world authority on vehicle dynamics, having authored the book Fundamentals of Vehicle Dynamics. Tom has worked as a consultant for the World Bank, which led to the development of the IRI scale to measure road roughness worldwide. He has also served on the White House staff as a Senior Policy Analyst.

Steve Karamihias is a senior research associate in UMTRI's Vehicle Systems and Control Group. Steve is the current chairman of the Vehicle Dynamics Committee of SAE. Together with Mike Sayers, he developed the Little Book of Profiling and RoadRuf software. Steve's primary research focus is on the interaction of vehicles and roads and on the measurement and interpretation of longitudinal road profiles.

COSTS

The event fee is R13 000 (R12 000 if payment is received by 01 February 2011). The fee includes a comprehensive course manual, covering all aspects of heavy vehicle dynamics, a traditional South African braai dinner, and daily lunches, mid-morning and afternoon tea/coffee/eats. Cancellations of registrations will be accepted up to two weeks prior to the commencement of the course, but a levy of 10% will be charged. Late cancellations will not qualify for a refund. Substitute delegates will be allowed. The SARF reserves the right to cancel the course in the event of unforeseen circumstances.

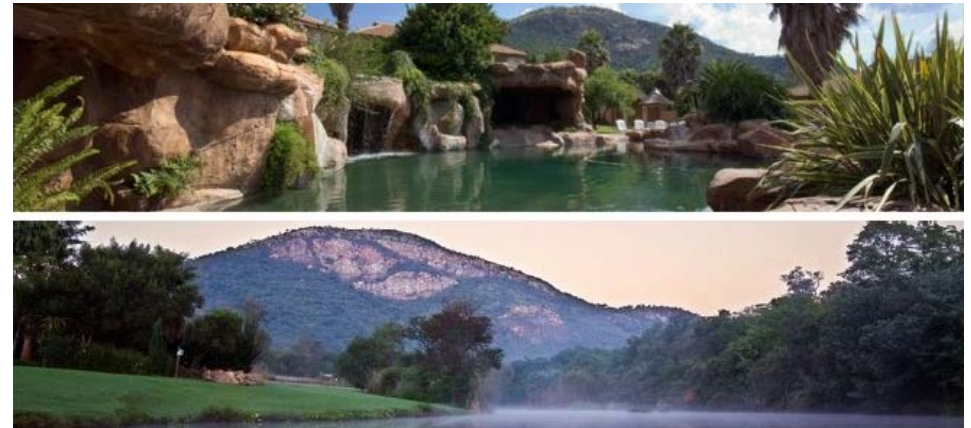
WHO SHOULD ATTEND?

This event is intended for persons engaged in the technical activities of truck design, operating and design of heavy mining vehicles, truck equipment selection, fleet safety operations, accident reconstruction, development of truck safety standards and highway/truck interactions. Government regulators, fleet owners and manufacturers of truck components will find the focus on the performance-based standards or SMART trucks extremely informative.

THIS EVENT WILL INCLUDE

- ❑ An overview of vehicle dynamics theory
- ❑ Tyres, suspensions, brakes and steering systems
- ❑ Ride, rollover, handling and braking
- ❑ Hands-on exercises in simulation
- ❑ A braai dinner on the Wednesday evening, and lunch every day.
- ❑ A South African view and update on performance-based standards

Venue



Lectures will be held at the scenic Glenburn Lodge situated within the Cradle of Humankind World Heritage Site. Please contact the hotel directly with regard to accommodation: www.glenburn.co.za. Accommodation is limited so please book early.