



# **SCTE "SUMMER FAYRE" LECTURE MEETING & MERCEDES-BENZ DRIVING EXPERIENCE**



**to be held on**

**WEDNESDAY 6<sup>th</sup> JULY 2016**

**at**

**MERCEDES-BENZ WORLD  
Mercedes-Benz World Theatre, Brooklands Avenue  
WEYBRIDGE  
Surrey  
KT13 0SL**

**Registration at 9.30 am**

# SCTE "SUMMER FAYRE" LECTURE MEETING & MERCEDES-BENZ DRIVING EXPERIENCE

For this very special SCTE event, we are once again combining our Summer Lecture Meeting with an exhilarating Mercedes-Benz driving experience and tour to make this a totally unforgettable day – we very much look forward to sharing it with you!

As you will undoubtedly know, Brooklands is celebrated as the birthplace of British motorsport with pioneering race meetings held there since 1907. Evocative sections of the original track still survive alongside the new and unique purpose-built Handling Circuits. Mercedes-Benz World houses historic cars such as the Gullwing giving you an insight into the making of a legacy.

## SCTE "SUMMER FAYRE" LECTURE MEETING IN THE MERCEDES-BENZ CINEMA

**9.30 am**      **COFFEE AND REGISTRATION**

**10.00 am**      ***Chairman's Keynote Introduction and Overview***

**10.05 am**      ***"Analysis of DOCSIS 3.1 Signals on the Physical Layer"***  
Werner Duerport, Manager Marketing and Technical Sales,  
Business Unit Broadcast Test & Measurement  
**Rohde & Schwarz GmbH & Co KG**

*This presentation will discuss the generation and analysis of DOCSIS 3.1 signals, explaining the basics about the characteristics of DOCSIS 3.1 signals and parameters using some examples as well as how they could be measured. The examples will be done with the help of the Cable Load Generator R&S CLGD and the Spectrum Analyser FSW with its DOCSIS 3.1 options.*

**10.50 am**      ***"An Economic Model for Delivering Broadband on SMATV and Other Small Cable Systems"***  
Mike Thornton FSCTE, President  
**SCTE**

*There are very many satellite master antenna systems employing co-axial distribution cabling in apartment blocks, hotels and other similar small size systems where the delivery of high speed broadband services is inhibited by the existing telephony cabling being inaccessible or of poor quality. This paper shows how the existing co-axial infrastructure can be used to deliver high-speed broadband in both a practical and cost-effective manner.*

**11.35 am**      ***"The Impact of Headend RF Management on Future 1.2GHz Network Architectures"***  
David Tod, Senior Director of Sales, EMEA  
**ATX Networks**

*Implementation of a DOCSIS 3.1 architecture, capable of delivering 1.2GHz, allows the operator to expand its available bandwidth and more effectively implement new delivery technologies. To ensure optimum performance at the higher QAM modulations inherent to DOCSIS 3.1, overall network CNR must be*

*evaluated and carefully considered. This presentation will discuss the importance of upgrading headend broadcast and narrowcast RF management to 1.2GHz, and its overall impact on end-to-end CNR.*

**12.20 pm**      **Questions and Closing Remarks**  
Mike Thornton, President  
**SCTE**

**12.30 pm**      **BREAK FOR LUNCH**

**1.30 pm**      **TRACK BRIEFING**

*For those guests participating in the driving experiences, there will be a track briefing session in the MBW Theatre. Guests will be required to sign disclaimers and show their driving licences (see note below). Any guests not doing the driving can have a more leisurely lunch until 2.00 pm.*

**IMPORTANT INFORMATION FOR ALL DRIVERS**

*If you are taking part in the afternoon driving experiences, it is essential that you bring your driving licence with you (both the plastic ID card and paper parts of the driving licence are required). If you fail to bring your driving licence, you will unfortunately not be allowed to drive.*

**2.00 pm**      **MERCEDES-BENZ DRIVING EXPERIENCES & TOUR**

*For the afternoon session, guests will be split into three groups to sample all the unique delights that Brooklands has to offer and during the afternoon the groups will rotate so that you all do everything.*

*Note: For those guests just doing the tour and not the driving experiences, you will be included in with one of the groups doing the tour rotation. There is also the option to be just a passenger in the cars (rather than the actual driver), so that you can still experience the thrills of the Mercedes-Benz tracks.*

*The first group will start with the Mercedes-Benz Driving Experience where you'll experience the Wet Skid Circle, the Handling Circuits or the Wet Straight.*

*The second group will set off on a 4x4 Driving Experience exploring Brooklands' 10 acre off road course encountering a range of driving challenges from steep slopes, water-crossings and axle-twisting obstacles.*

*The third group will be taken on a 60-minute tour of Mercedes-Benz World – a unique journey through the history of the car, from the first ever three wheeled "Motorwagen" patented by Carl Benz, through to their collection of modern Formula 1™ racing cars.*

*Overall, the afternoon will be an unforgettable and thrilling experience!*

**5.00 pm**      **CLOSE OF DAY**

## BOOKING PROCEDURE

Places are limited on this occasion, so please don't delay in making your booking otherwise you may be disappointed. Whilst the SCTE is heavily subsidising this event, due to the high costs particularly for the afternoon activities, we are asking every SCTE Member who wishes to be included in the driving experiences to pay a non-refundable fee of £60 (inc VAT). This fee must be paid at the time of booking in order to confirm your place.

However, if you just want to come along to enjoy the lecture meeting, lunch and tour, then this is complimentary, however, it is **essential** that you confirm your attendance beforehand as places are limited.

To book your place for this exceptional event in the SCTE calendar, please contact the SCTE office on Tel: +44 (0) 1923 815500 or email the SCTE Secretariat on [amanda.ward@theSCTE.eu](mailto:amanda.ward@theSCTE.eu)

## TRAVEL ARRANGEMENTS TO MERCEDES-BENZ WORLD



Mercedes-Benz World is just a few minutes from Junction 10 of the M25. Follow the A3 towards London taking the first exit and turn left at the roundabout onto the A245 (signposted to Weybridge). Continue along the A245 for approximately 1.5 miles. At the second roundabout turn right onto Sopwith Drive.

Continue straight over two roundabouts, you have arrived at Mercedes-Benz World. When you arrive, please go to the Customer Car Park which is signposted.

Alternatively it is less than 1 mile from Weybridge station, on the London Waterloo and Woking Line.