Recent progress regarding noise and rolling resistance properties of road surfaces

Date: Thursday, 19th April 2018

Venue: Room 101, (1st Floor) Civil and Environmental Engineering building (H20), UNSW. See attached map.

Time: 6:00pm for 6:45pm start
Refreshments prior to talk

Speaker: Dr Ulf Sandberg, Swedish National Road and Transport Research Institute (VTI)

RSVP: Monday, 16th April 2016 to Mattia Tabacchi by email
Mattia.Tabacchi@renzotonin.com.au
Open to AAS members and guests.
It is intended to video the presentation.

Dr Sandberg needs no introduction to those involved in road traffic noise. As the lead author on the treatise, *Tyre/Road Noise Reference Book* he has had a lifetime of research in this field. Ulf has also been a frequent visitor to our shores and is now on his 18 visit which includes a period of time working at the Australian Road Research Laboratory and presenter at many of our AAS National Conferences.

Ulf has recently been awarded the 2015 ‘Sound Award’ from the Swedish Acoustical Society; a ‘Lifetime Achievement Award’ from the International Friction Pavement Association; and this year received a ‘Lifetime Achievement Award’ from Tire Technology International.

Ulf’s Technical Talk will cover:

- Importance of tyre/road noise in the acoustic environment today;
- Noise properties of road surfaces;
- Construction and performance of low noise road surfaces (incl some innovations);
- Importance of rolling resistance of road surfaces today;
- Rolling resistance properties of road surfaces;
- Construction and performance of road surfaces with low rolling resistance;
- What conflicts between noise, rolling resistance and safety should we worry about?;
- Outlook for noise and rolling resistance in the next 20 years.