



NSW DIVISION TECHNICAL MEETING

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.

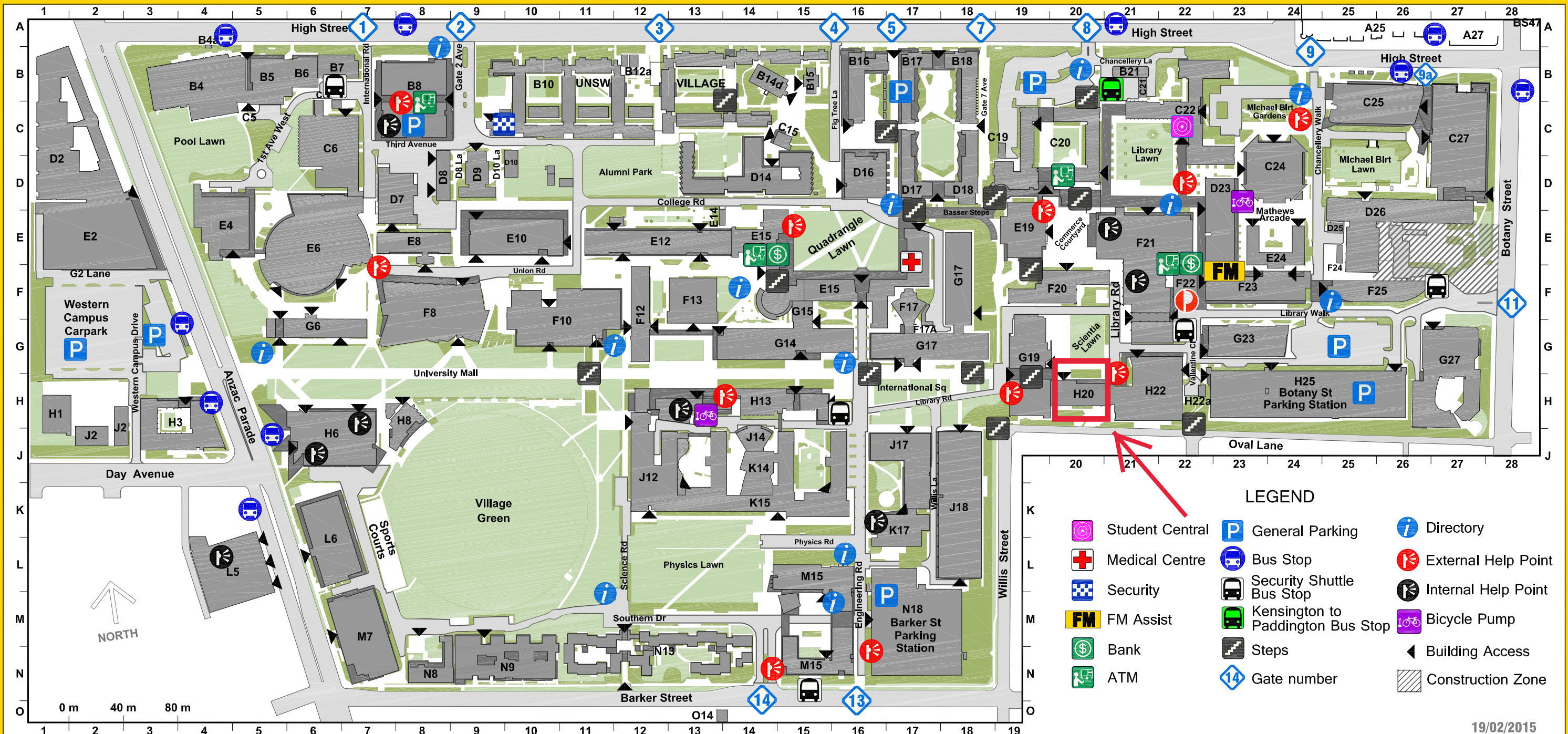
Ulf has recently been awarded the 2015 'Sound Award' from the Swedish Acoustical Society; a 'Lifetime Achievement Award' from the International Friction Pavement Association; and this year received a 'Lifetime Achievement Award' from Tire Technology International.

<https://www.vti.se/en/news/ulf-sandberg-har-tilldelats-tti-lifetime-achievement-award-2018/>

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.

Kensington Campus



LEGEND

	Student Central		General Parking		Directory
	Medical Centre		Bus Stop		External Help Point
	Security		Security Shuttle Bus Stop		Internal Help Point
	FM Assist		Kensington to Paddington Bus Stop		Bicycle Pump
	Bank		Steps		Building Access
	ATM		Gate number		Construction Zone

19/02/2015

Buildings	Mathews	F23	University Regiment	H1	Faculty Offices	New South Global Theatre	G14	Equity and Disability Unit	F20	Religious Centre	E4
223 Anzac Parade	L5	E24a	UNSW Business School	E12	Arts and Social Sciences	C20	Old Main Theatres (112)	Facilities Management	F23	Research Services	M15
AGSM	G27	J17	Student Accommodation	N13	Built Environment	H13	Parade Theatres	FM Assist ID Cards & Parking	F23	Security	B10
Biological Sciences	D26	D7	Barker Apartments	D17	Engineering	K17	Physics Theatre	Foundation Studies Permits	L5	Sports Association	H8
Blockhouse	G6	C20	Colombo House	B16	Law	F8	Red Centre Theatre	Freehills Law Library	F8	Squash Courts	B7
Building D10	D10	J12	Creston College	A25	Medicine	C27	Rex Vowels Theatre	Future Students Office	F20	Swimming Pool	B4
Chancellery	C22	D2	Fig Tree Hall	B18	Science	F12	Ritchie Theatre	Graduate Research School	M15	The Learning Centre	C22
Chemical Sciences	F10	E24	Goldstein College	B17	UNSW Business School	E15	Rupert Myers Theatre	Human Resources	C22	University Health Services	E15
Civil Engineering	H20	E15	Goldstein Dining Hall	D16	Theatres	G27	Webster Theatres	Institute of Languages	L5	UNSW Bookshop	E15
Colombo House	B16	H13	International House	C6	AGSM Theatres	F8	Science Theatre	IT Service Desk	F21	UNSW International Student Centre	H13
Computer Science	K17	G14	New College	L6	Allens Arthur Robinson	F10	Services	Kingsford Legal Centre	F8	UNSW Residential Communities	B17
Dalton	F12	E6	New College Postgrad. Village	H3	Central Lecture Block	H20	Accommodation Services	Learning & Teaching Unit @UNSW	F23	UNSW Scholarships	F21
Dangerous Goods Store	F17A	M15	Philip Baxter College	D18	Chemical Sciences Theatres	C24	Admissions and Enrolments	Library	A27	UNSW Fitness and Aquatic Centre	B5
Electrical Engineering	G17	H8	Shalom College	N9	Civil Engineering (Room G1)	B16	Alumni Association	Lifestyle Clinic	F23	UNSW Student Central	C22
Golf House 38 Botany Street	A27	F25	SIRF	M7	Clancy Auditorium	B14d	Arc @ UNSW	Mail Centre	C22	Venues and Events	F23
John Goodsell	F20	G23	Warrane College	B8	Colombo Theatres	F8	Careers Employment Office	Marketing Development	E15		
John Niland Scientia	G19	E4	University Terraces	D14	Fig Tree Theatre	D9	Cashier	New South Innovations	C22	Childcare Centres	
Law	F8	H6	UNSW Hall	B10	Gonski Levy Theatre	J14	Chaplains	Nura Gili - Balnaves Place	E4	Kangas House 52 Barker St	O14
Library	F21	H22	UNSW Village	B17	IO Myers Studio	F8	CONTACT	Optometry Clinic	E15	House at Pooh Corner	N8
Lowy Cancer Research Centre	C25	C27	UNSW Residential Communities		Keith Burrows Theatre	E15	Coop program & Scholarship	Physiotherapy Clinic	F21	Tigger's Honey-pot 22 Botany St	BS22
Materials Science	E8	J18			Law Theatres	D23	Counselling Service	Print Centre	E15	Owl's House 9 Kennedy St	KS9