



NSW DIVISION TECHNICAL MEETING

ROad Noise Data Acquirer (RONDA)

Date: Tuesday, 8 December 2015

Venue: Room 102, Mechanical Engineering Building (Ainsworth Building),
UNSW, Kensington

Location J17 on campus map

http://www.facilities.unsw.edu.au/sites/all/files/KENC_Campus_Map_2.pdf

Time: 6:00 pm for 6:30 pm start (refreshments prior to talk)

Speaker: Dr. Renzo Tonin, Renzo Tonin & Associates

RSVP: Thursday, 3 December to Paul Maddock by email

Paul.Maddock@epa.nsw.gov.au

AAS members (and guests upon request) are welcome to attend

Remember the days of beer and pizza and bubble bath in the engineering fountain... To celebrate the end of 2015 we are going to take some of you back, and some of you way back...

Following renovation of the Mechanical Engineering building, the demonstration will be held in the newly created canopy area located between the Mechanical Engineering teaching building and the laboratory building.

RONDA (ROad Noise Data Acquirer) is a CPX trailer conforming to ISO/CD 11819-2 intended for measuring road surface noise. The trailer is of the open frame type without an enclosure. A description of the unique design of the trailer is provided and the results of initial case studies is presented including: a) effect of removing the bitumen surface layer of two suburban roads in Sydney by grinding down to the base cement substrate b) trials of test samples of low noise bitumen surfaces on a Melbourne freeway and c) the commencement of a long term program designed to catalogue the pavement noise levels of major roads in Sydney and Melbourne which we have termed City Profiling. The presentation of results in a new format in Google Earth is a key part of the output format.

Dr Tonin is managing director of Renzo Tonin & Associates, a firm of consulting engineers specialising in acoustics, vibration & structural dynamics, a member of the Australian Association of Acoustical Consultants, with offices in Sydney, Melbourne, Brisbane & Kuwait, involved in some of the largest road projects in Australia.

Please RSVP for catering purposes!

