MEASUREMENT SPECIAL INTEREST GROUP (MSIG) PROGRAMME

CASANZ 2015 CONFERENCE WORKSHOP

MSIG is planning a full day pre-CASANZ conference workshop on Sunday, 20 September, 2015 on the theme of:

**Regulatory monitoring of PM$_{2.5}$:**
*User experiences and latest technology available*

The workshop will bring together practitioners from jurisdictional authorities (Australian EPAs and New Zealand Councils) to discuss current experiences with PM$_{2.5}$ monitoring, as well as manufacturers of compliance equipment to present the latest PM$_{2.5}$ monitoring solutions.

**Final Programme**

08:00 – 08:30  Coffee and registration

08:30 – 08:45  **Introductions** MSIG Chair - Jozua Taljaard

**SESSION 1:**  AUSTRALIAN EPA AND NEW ZEALAND COUNCIL EXPERIENCES, FOCUSING ON ISSUES AND SOLUTIONS*

08:45 – 09:15  **NSW OEH** – Alan Betts

09:15 – 09:45  **Queensland DSITIA** – David Wainwright

09:45 – 10:15  **Environment Canterbury, NZ** – Teresa Aberkane

10:15 – 10:45  Morning tea

10:45 – 11:15  **Tasmania EPA** – John Innis

11:15 – 11:45  **Victoria EPA** – Jason Choi

**SESSION 2:**  WORKSHOP DISCUSSION

11:45 – 12:30  **Key concerns/constraints going forward with PM2.5 monitoring** (e.g. cost/affordability, accuracy/precision required, Reference vs equivalent vs non-compliant methods, USEPA vs EU approved methods, AS/NZ standards, PM10 and PM2.5 or only PM2.5, what about PMcoarse/PM1/etc). Chair - Frank Fleer.
SESSION 3:  EQUIPMENT MANUFACTURERS – STATE OF THE ART AND NEW PRODUCTS**

12:30 – 13:00  Ecotech – Nicholas dal Sasso/Bernard van Zyl (Palas Fidas; MetOne eFRM, BAM1022, BAM 1020 FEM, Lidar technology)

13:00 – 13:45  Lunch break

13:45 – 14:15  Ektimo – Matthew Heskin/Francis Lee (Horiba, continuous and simultaneous monitoring of PM mass concentration and speciation with a single instrument)

14:15 – 14:45  Envisys/Comde-Derenda – Ben Payami/Nan Deng (Comde-Derenda APM-2 for PM10 and PM2.5)

14:45 – 15:15  Kenelec – Richard Walsh (DustTrak DRX technology)

15:15 – 15:45  Lear Siegler – Peter Phaedanos (TEOM; FH62/5014i BAM; 5030i SHARP)

15:45 – 16:00  Afternoon tea

16:00 – 16:30  Thomson Environmental – Paul Thomson (TAPI 602 PM10/PM2.5/PM Coarse; Beta Gauge dual stream; Filter sampler and Beta Gauge combined)

SESSION 4:  WORKSHOP DISCUSSION

16:30 – 17:00  Way forward with PM2.5 panel discussion – what is deemed to be acceptable for regulatory (NEPM) purposes

Notes:

* The EPA/Council presentations are anticipated to be 15-20 min presentations with 10-15 min for discussion after every presentation.

** The "state of the art and new products " presentations will be an opportunity for manufacturers and/or distributors to present their products with the emphasis on the science underpinning it, as well as any comparative studies done locally or as part of the instrument equivalence process.

Please contact the MSIG Chair Jozua Taljaard (measurement.sig@casanz.org.au) for further information.