



## **NOVEMBER MEETING**

### **GENERAL MEETING**

## **SURVEYORS ROLE AT THE OLYMPICS & TECHNOLOGICAL TURN ON'S**

The next meeting of the Sydney North Group is as follows:

DATE: Wednesday, 19<sup>th</sup> November, 2008.

PLACE: The Gordon Club, Level 4, Mandarin Centre  
Cnr. Albert Avenue & Victor Street, Chatswood  
(Parking available from Victor Street entry, up to 5 hours free)

TIME: 6.30 p.m. for 7.00 p.m.

COST: Dinner - \$60.00/head, 2 course meal & meeting inclusive, Drinks extra.  
(Retired Members & Students - \$50.00)  
Note the above fees include GST and a tax invoice and receipt will be issued on receipt of your payment at the meeting.

SPEAKERS: Ian Iredale – Mapsoft – Iredale & Associates  
Steve Denning – Managing Director of Dencon Surveying

Ian Iredale is a Registered Land Surveyor since 1983. Obtained a cadetship in 1976 with Sydney Water and worked mostly in the cadastral and geodetic sections for 19 years. Ian established his own surveying and software development business in 1994 and continues to develop both disciplines to this day.

Steve Denning has been a surveyor for the last 35 years and the Managing Director of Dencon Surveying for the last 17 years. Steve is a retired Track and Field Athlete and has been a Track and Field Coach for 15 years.

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## ABOUT THE EVENING:

Ian Iredale will talk to us about 'Technological Turn On's' – A surveyor's obsession with finding solutions outside the square and on a budget. Come on a whirlwind tour of the world's only single frequency RTK GNSS system, close range photogrammetry and other free or low cost software used to solve surveying problems – such as miniCAD5 and google sketchup for shadow diagram calculations.

Steve Denning will talk to us about how surveyors are used extensively for the preparation and measurement of Olympic events. From initial survey to determine design and layout of an Olympic site, construction of the site, layout of the track, certification of the track to IAAF (International Association of Athletics Federations) specifications to measurement of events.

There is very little point in having world records measured to the 100<sup>th</sup> of a second and to the millimetre if there are not stringent standards on the measurement and recording of Olympic events. But it hasn't always been that way. Throughout the ages, surveyors have been involved with measurement for Olympic events and as technology has advanced with the development of the sport so has the need for more technologically advanced surveying. With the advent of televised broadcasts of the games the need for more accurate measurements within seconds is now the expected.

This paper will outline a brief history of the Olympic Games, technological developments in the sport together with scientific advancements in methods of measurement.

### **Note that all interested can attend, not just members of the Sydney North Group.**

2 C.P.D. Points (2 General) are applicable for the evening and a certificate will be provided for each attendee.

It is requested that those attending notify one of the committee members listed below by 5 p.m. Friday, 14<sup>th</sup> November, 2008.

David Lovell	(B)	9971 4802
Richard McClenahan	(B)	9415 1116
Norm Mann	(B)	9413 4899

It is important to advise of your attendance by the above date so that catering arrangements can be made. **No** bookings will be accepted after 5 p.m. on Friday, 14<sup>th</sup> November, 2008.

We look forward to having your attendance at this informative meeting.

David Lovell  
Hon. Secretary