



Symposium on GPS/ GNSS

IGNSS 2013

Registration Brochure

Proudly sponsored by



16 – 18 July 2013

**Outrigger Hotel
Surfers Paradise, Qld, Australia**



ABN 50 493 173 615

www.ignss.org

Invitation from the President



It is with great pleasure that I invite you to attend the IGSS2013 symposium and exhibition, being held from 16-18 July, 2013 at the Outrigger Hotel, Gold Coast, Australia.

The Multi-GNSS era is finally underway with more and more satellites from China, Europe, India and Japan joining those from the USA and Russia. Australia is one of the first countries in the world able to benefit from access to all of these systems. So “down under” in July is the ideal place and time to discuss all of these new developments with like-minded colleagues from all over the world.

For 2013 we are basing the first day of our IGSS symposium on the recently released Australian Strategic Plan for GNSS, which identified several issues crucial for Australia and the region as we enter the Multi-GNSS era. That will involve keynote speakers from Australia and abroad in presentations and panel discussions on issues such as ensuring leadership for the GNSS community, developing sustainable positioning infrastructure, mitigating GNSS vulnerabilities and capitalising on the region’s unique geopolitical advantage in Multi-GNSS.

The broader symposium will provide our usual strong scientific program with oral presentations, panel discussions and interactive poster sessions; all rounded out by a comprehensive trade exhibition. There will, of course, also be social functions to allow you to unwind as you network with your local and international colleagues.

On behalf of the International Global Navigation Satellite Systems (IGSS) Society and the organising committee, I look forward to welcoming you to IGSS 2013.

Matt Higgins, President, IGSS Society Inc.

IGSS Technical Advisory Committee



Matt Higgins is Manager of Geodesy and Positioning in the Queensland Department of Environment and Resource Management. He is a Co-Chair of Working Group D of the United Nations mandated International Committee on GNSS. He was also a Vice President of the International Federation of Surveyors (FIG) from 2007 to 2010. Matt was elected President of the Australian based International GNSS Society in 2008,



Allison Kealy (Technical Chair) is an Associate Professor in the Department of Infrastructure Engineering at the University of Melbourne. She is also an Assistant Dean (academic) in the School of Engineering at the University of Melbourne. Allison is vice president of the International Association of Geodesy, Commission 4 (Positioning and Applications) and co-chair of the International Federation of Surveying (FIG) Working Group 5.5 on Ubiquitous Positioning. Allison is on the Editorial boards of the Journal of Navigation, UK, Journal of Applied Geodesy and the Journal of Geospatial Information Science.

Allison's current research interests include wireless sensor networks, sensor fusion and estimation theory, high precision GNSS, collaborative positioning for intelligent transportation systems and GNSS quality assessment.



Chris Rizos is a graduate of The University of New South Wales (UNSW), Sydney, Australia. Chris is currently the Head of the School of Surveying & Geospatial Engineering at UNSW. Chris has been researching the technology and applications of GPS since 1985, and is currently the President of the International Association of Geodesy (IAG), a member of the Governing Board of the International GNSS Service, and co-chair of the Multi-GNSS Asia Steering Committee.

Chris is a Fellow of the IAG, Fellow of the U.S. Institute of Navigation, and Fellow of the Australian Institute of Navigation. Chris is a Fellow of the IAG, Fellow of the U.S. Institute of Navigation, and Fellow of the Australian Institute of Navigation.



Andrew Dempster is Director of Research in the School of Surveying and Spatial Information Systems at the University of New South Wales. He led the group that developed Australia's first GPS receiver. His research interests are signal processing for satellite navigation, novel receiver design concepts and new positioning technologies.



Rob Lorimer is the Group Business Director for Energy at CSIRO. His career history includes membership of the Australian Governments Space Industry Innovation Council (Space Council), CEO of Beeline Technology (now part of Hemisphere GPS), Managing Director of Trimble Asia Pacific and contributing editor to GPS World.



Martin Nix has a Masters of Surveying (GIS), UNSW and is the CEO of Position Partners. After practising as a registered surveyor, he had management positions with Leica in Switzerland, USA and Australia over 25 years. He holds board positions including the School of Surveying UNSW and working group roles for ANZLIC's NPI Policy and ASC's GNSS Strategy.

IGNSS Society Scientific Committee

- **Dr Allison Kealy**, (Technical Chair), Assistant Dean (Academic), Department of Infrastructure Engineering, Melbourne School of Engineering, The University of Melbourne, VIC
 - **Professor Andrew Dempster**, Director, Australian Centre for Space Engineering Research (ACSER), The University of New South Wales, Sydney NSW.
 - **Professor Yanming Feng**, Faculty of Science and Technology, Queensland University of Technology, Brisbane, QLD
 - **Professor Kefei Zhang**, Director, SPACE Research Centre and Satellite Positioning and Navigation (SPAN) Lab, School of Mathematical and Geospatial Sciences, The RMIT University, Melbourne, VIC
 - **Mr Matthew Trinkle**, School of Electrical & Electronic Engineering, University of Adelaide, SA
 - **Professor Peter Teunissen**, GNSS Research Centre, Curtin University, Perth, WA
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IGNSS Sponsors



IGNSS Media Partners



IGNSS Contact Information

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Email: krys@ignss.org

Venue

Outrigger Surfers Paradise is located in the heart of Surfers Paradise, on Queensland's famous Gold Coast. Perfectly situated at the centre of the entertainment precinct and only 100 metres from the iconic Surfers Paradise Beach.

The hotel offers spacious, modern hotel rooms with sweeping views of Surfers Paradise and the Pacific Ocean. Featuring a spacious pool area, children's wading pool, spa, tennis court, gymnasium, business centre and conference facility,

At the end of your conference day, everything is at your fingertips, the only decision you'll need to make is what to do first. Beach, attractions, shopping, nightlife or dining are just moments away. Relax on white sandy beaches under the warm gold coast sun; indulge in endless dining and entertainment options or experience the Gold Coast's world famous theme parks.

Trade Exhibition

The symposium will feature a trade exhibition consisting of suppliers of goods and services to the industry. Further information regarding sponsorship and exhibition opportunities can be downloaded from the web at www.ignss.org or contact Krys Henshaw on +61 7 5599 5007 or at krys@ignss.org.

Plenary Speakers & Preliminary Program

[Click here](#) to view the IGSS 2013 Preliminary Program. Please note this program will continue to be updated on the IGSS website.

Registration Fees and Payment

To attend the symposium, please complete the registration form on the last page of this document and return it to the IGSS Society via email to krys@ignss.org or fax to 07 5536 6366. Each delegate should fill in a separate form.

Please read the below paragraph carefully before completing the Registration Form on the last page of this document.

PLEASE NOTE:

- The delegate understands and agrees that to qualify for early bird, both registration form AND PAYMENT must be received by 5pm on 17 May, 2013. If payment is not received by this date, the delegate agrees to pay the difference between early bird and standard registration fee.**
- IGSS Society Members are entitled to the discounted registration fee listed below.**
- No shared registrations are permitted.**

	Early Bird (By 17 May 2013)	Standard Rate (from 18 May, 2013)
Speaker Subsidised Rate*	\$745.00 (Required on acceptance into the IGSS2013 program)	
Full Registration Member	\$845.00	\$945.00
Full Registration Non Member	\$945.00	\$1045.00
Tuesday Day Registration	\$495.00	\$595.00
Wednesday Day Registration	\$395.00	\$495.00
Thursday Day Registration	\$395.00	\$495.00
Student Registration*	\$495.00	\$495.00

*** Students who are being paid for research and/or are receiving a salary do not qualify for this concession
A copy of your full-time student/concession card must accompany your registration to receive this discounted rate.**

Full Symposium, Speaker and Student Registrations include:

- Attendance to all Symposium Sessions
- Attendance at the Trade Exhibition
- Morning/afternoon tea and lunch on all symposium days.
- Attendance at the Tuesday Networking Function held in the Trade Exhibition Area
- Symposium Handbook
- Symposium Satchel
- Symposium Proceedings – password provided for access to published proceedings on the IGSS website.
- Delegate list (list will include delegate name and organisation only and will not include those delegates who elect not to be included on the list). Please tick the appropriate box on the registration form if you do not wish to be included on the delegate list.

Day Registration includes:

- Attendance to Symposium Sessions on registered day
- Attendance at the Trade Exhibition
- Morning/afternoon tea and lunch on registered day
- Tuesday Day Delegates include attendance at Tuesday Networking Function
- Symposium Handbook
- Symposium Satchel

- Symposium Proceedings – password provided for access to published proceedings on the IGSS website.
- Delegate list (list will include delegate name and organisation only and will not include those delegates who elect not to be included on the list). Please tick the appropriate box on the registration form if you do not wish to be included on the delegate list.

***Wednesday and Thursday Day registrations do not include Tuesday Networking Function**

Networking Function *Proudly sponsored by GPSatsystems*



Tuesday Networking Function – 16 July, 2013

*(inclusive for all full symposium delegates, Tuesday day delegates, students and speaker registrants only)
5.15pm – 7.15pm – Trade Exhibition Hall, Palm Ballroom, Outrigger Hotel Surfers Paradise*

Relax with a drink and enjoy canapes before moving to one of the many restaurants in Surfers Paradise.

Additional tickets: \$55.00 per ticket

Accommodation

Outrigger Hotel Gold Coast, 22 View Avenue, SURFERS PARADISE, QLD AUSTRALIA

- **City View Twin Rooms (\$145 per night):** This room type includes 2 double beds (twin) only. This room is suitable for single occupancy or twin occupancy. Maximum of two persons per room included in this price.
- **Ocean View King or Twin Rooms: (\$165 per night):** This room type includes either a king room or 2 double beds (twin) only. This room is suitable for single occupancy, double occupancy or twin occupancy. Maximum of two persons per room included in this price.
- **Breakfast: (\$20 per person):** Subsidised for IGSS delegates for full buffet breakfast

All bookings must be made on the official booking form to receive the negotiated symposium rate. In order to secure a reservation, all hotel bookings must be accompanied by a minimum of one night's accommodation deposit.

If payment is to be made by cheque, a minimum of one night's deposit is required to secure your booking. Please make cheque payable to "IGSS Society". If payment is made by credit card, the details, including cardholder's signature, will be forwarded to the hotel as payment for your booking. If the credit card is in the name of a person other than yourself, it will be necessary to complete the authorisation attached to the Registration Form. Delegates are responsible for any damage they cause and must settle the balance of their account with the accommodation venue upon departure.

Accommodation Bookings Cancellation Fee

A cancellation fee applies for standard bookings if cancellation occurs within 30 days prior to the symposium. Cancellation fees are applicable to all nights cancelled. If you do not arrive on the date booked it is classified as a "No Show" and each night that you do not arrive is charged to your credit card.

All rooms will be released from sale on 15 June, 2013. The IGSS Society will accept accommodation bookings after this date but is unable to guarantee that accommodation will be available at the printed room rates.

Accommodation: Changes and Cancellations

Any changes to or cancellations of reservations made through the IGNSS Society must be notified to the IGNSS Society in writing via email to krys@ignss.org and not directly to the accommodation venue.

When payment is made by credit card, no monies will be deducted by IGNSS Society, however your credit card details will be forwarded to your hotel as security for your booking.

General Information

Symposium Registration Desk Hours

Tuesday	16 July, 2013	8.00am – 5.00pm
Wednesday	17 July, 2013	8.30am – 4.00pm
Thursday	18 July, 2013	8.30am – 4.00pm

Parking

Complimentary parking is provided for guests staying at Outrigger Surfers Paradise. Other delegates not staying in house, a full day charge of \$8.00 per car applies and must be pre-paid at reception prior to entry to the car park.

Temperature

During July the average temperatures on the Gold Coast can range between 15 and 25 degrees C.

Dress

A good standard of casual dress is required for attending the symposium.

Name Badges

Your name badge must be worn at all times, as it is your entry to all sessions and inclusive functions. Entry will not be permitted unless you are wearing your name badge or have a ticket to attend.

Cancellation Policy and Disclaimer

Registration will only be accepted in writing. Cancellations made prior to 14 June, 2013 will be refunded less \$125.00 to cover administration costs. No refunds will be made after this date. As an alternative to cancellation, your registration may be transferred to another person without incurring any penalty. The organisers must be advised of the transfer in writing. Cancellation policy for Speakers registrations are outlined in the Presenter Guidelines "Registration" section.

It is highly recommended that Travel Insurance is taken out to cover cancellation of registration and/or accommodation.

Personal Insurance

Participants shall be regarded in every aspect as carrying their own risk for personal injury and, loss or injury to property, including baggage during the symposium. We strongly recommend that at the time of booking your travel and tours, you take out a travel insurance policy of your choice. The policy taken should include loss of deposit through cancellation, medical insurance, loss or damage to personal property, financial loss incurred through disruption to accommodation or travel arrangements due to strikes or other industrial action. The Society will be in no way responsible for any claims concerning insurance.

Liability

In the event of industrial disruptions, the symposium and the Society accept no responsibility for losses incurred by delegates and partners.

Payment

All prices are in Australian dollars and are inclusive of GST (unless otherwise stated). Cheques should be made payable to "IGNSS Society" and forwarded to PO Box 413 TWEED HEADS NSW 2485. Cheques or bank drafts must be made out in Australian currency and drawn on an Australia bank. Payment by credit card is acceptable for registration and function tickets. Registrations will not be processed until payment is received. Discounted Early Bird registration fees are only applicable if the registration form **AND PAYMENT** are received by no later than 5.00pm on 17 May, 2013

The information contained herein is correct at the time of printing. The IGNSS Society reserves the right to change, without notice, any aspect of the Registration Brochure and/or symposium program.



REGISTRATION FORM – IGNSS 2013
ABN: 50 493 173 615

Please complete and return this form along with your full payment to IGNSS Society, PO Box 413, TWEED HEADS NSW 2485 AUSTRALIA
Fax: +61 7 5536 6366 Email krys@ignss.org

Personal Details - please print clearly.

Title _____ Surname _____
Given Name _____
Organisation _____
Position _____
Postal Address _____

Suburb _____ State _____
Country _____ Post Code _____
Phone _____ Fax _____
Email _____
Please print clearly as confirmation of receipt will be sent via email
Preferred Name on Badge _____
Dietary/Special Requirements _____

Please indicate by 4 the boxes below if you:

- do not wish to be included on the symposium delegate list. The delegate list will be given to all participants at IGNSS2013.
 you are a member of the IGNSS Society

1. Registration Fees - Please tick appropriate boxes below

Payment must be received by 5pm on 17 May, 2013 to qualify for early bird rate.

: **Early Bird** **Standard**
by 17/05/13 **From 18/5/13**

- Speaker Registration (one only per paper) **R01** \$745
*Student Registration **R02** \$495 **R03** \$495
** Students who are being paid for research and/or are receiving a salary do not qualify for this concession A copy of your full time student/concession card must accompany your registration*
Full Registration (Member) **R04** \$845 **R05** \$945
Full Registration (Non-Member) **R06** \$945 **R07** \$1045
Day Registration (Wed/Thur) **R08 \$395 **R09** \$495

** Please indicate which day(s) you wish to attend

- Wednesday Thursday
Day Registration Tuesday **R14 \$495 **R15** \$595

Total: \$ _____

2. Networking Function – sponsored by



Tuesday Networking Function – Tuesday 16 July (*Inclusive for students, delegates and speakers – full registrations and Tuesday Day Delegates only*)

Please indicate ✓ if you will be attending yes no

S01 Extra tickets @ \$55.00 No. _____ \$ _____

Guest name(s): _____

Total: \$ _____

3. Accommodation - Outrigger Hotel, Surfers Paradise

Please indicate your 1st and 2nd preference. Credit Card details will be forwarded to your chosen hotel. Prices are per room per night for up to two persons

- _____ **OCT** City View Twin Room \$145
(2 double beds)
_____ **OOK** Ocean View King/Twin Room \$165
(king bed or 2 double beds)

* Please indicate your room type Single King Twin

Sharing with _____

Special requests _____

Arrival date: _____ Arrival Time: _____

Departure date: _____ No. of nights: _____

4. Registration Payment Summary

1. Registration	\$
2. Networking Functions	\$
3. Accommodation (if paying by cheque only)	\$
Registration Total:	\$

Credit Card Authority Registration Only

Please indicate your credit card type below:

- Master Card Visa

Cardholder Name _____

Expiry Date _____

Card Number _____

Verification number is: _____

Verification number is the last three digits on the reverse of your card in the signature section.

Signature _____

Credit Card Authority for Accommodation only

I authorise the hotel to debit my credit card for the following:-

- 1 night's deposit
 All accommodation (excluding incidentals)
 All accommodation (including incidentals)
 Other

Amex Diners Master Card Visa

Cardholder Name _____

Expiry Date _____

Card Number _____

Verification number is: _____

Verification number is the last three digits on the reverse of your card.

Signature _____