RADAR 2013

2013 International Conference on Radar

_Beyond Orthodoxy: New Paradigms in Radar_

9-12 September 2013

Hotel Grand Chancellor Adelaide, South Australia

Save time and register online at http://www.radar2013.org.au

Registration Brochure

Technical Co-Sponsors
Thank you to the following sponsors for their generous support

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About Adelaide and the Venue

Adelaide is a multi-cultural metropolis of over a million people, nestled between the sea and the hills. Settled in 1836 and boasting a Mediterranean climate, Adelaide has developed to encompass the vigour and excitement of a modern city, while retaining the charm and tranquillity of the past. The world’s best food and wine complement the natural environment in Australia’s most convenient city.

Some of the activities you can enjoy whilst visiting Adelaide include:

- Take a winery tour of the Barossa Valley, Adelaide Hills or McLaren Vale regions; all which are within an hour’s drive of the city-centre and produce some of the world’s best wines.
- Visit the Adelaide Zoo and its famous pandas in the city centre, or Monarto Open-Plain Zoo, which is known as Australia’s “Little Africa”.
- Take a tram out to historic sea-side Glenelg.
- Visit the world famous Adelaide Central Markets, a foodie delight which is home to hundreds of stalls selling everything from fresh produce to cheese to chocolate and more!


Hotel Grand Chancellor Adelaide on Hindley
65 Hindley St, Adelaide
Phone: +61 8 8231 5552
Fax: +61 8 8237 3800
Website: [http://www.ghihotels.com/hgc/AdelaideonHindley/hotels.aspx](http://www.ghihotels.com/hgc/AdelaideonHindley/hotels.aspx)

Hotel Grand Chancellor Adelaide on Hindley is proof that elegance and casual comfort can work well together. Through an entrance worthy of the Grand Chancellor name - the lobby flows with pleasant urban energy. Bistro Sixty5 restaurant bustles with diners for breakfast and dinner, while Sebastyan’s Bar sports a mix of locals and hotel guests sipping drinks, socialising or surfing the ‘Net.

On the floors above, you’ll find the perfect contrast to the activity at street level. Each of Hotel Grand Chancellor’s 208 rooms and suites feature contemporary furnishings, tasteful colours, and soft fabrics. Relax after a day of sightseeing, business meetings or conferencing.

Conveniently situated in the city centre, a short stroll from the Central Business District, Rundle Mall and preferred attractions, shopping, and nightlife, Hotel Grand Chancellor invites you to make Adelaide your own.
Theme

Beyond Orthodoxy: New Paradigms in Radar

Much of the progress in radar science, technology and applications follows a path of evolutionary development as component technologies, signal processing algorithms, materials science and computational electromagnetics provide ever more efficient means of implementing the radar systems on which our modern societies depend, and improving their performance against established criteria. This evolutionary process pays immediate and predictable dividends to manufacturers and users alike. Yet, every so often, we encounter a revolutionary development in some supporting technology, or a novel idea which springs from the imagination of just one or two individuals, which changes the way we think about radar and how this form of sensing can be exploited. Such developments are infrequent but important, not only for the capabilities they provide but for the way they inspire lateral thinking and innovation.

Organising Committee

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IEEE South Australia Section Liaison - Dr Andrew Piotrowski / Dr Mark Pszczel  
IEEE Aerospace and Electronics Systems Society, Board Member - Dr Joe Fabrizio, DSTO  
Association of Old Crows Liaison - Jeff Walsh, REALM Solutions (SA) Pty Ltd

Conference Organiser

All Occasions Management  
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Sarah Bradshaw, Coordinator – Conventions and Events  
Email: merilyn@aomevents.com / sarahb@aomevents.com  
Phone: +61 8 8125 2200  
Fax: +61 8 8125 2233  
Address: 41 Anderson Street, Thebarton SA 5031  
Website: http://www.radar2013.org.au
Laureate Professor Rob Evans

After completing a BE degree in Electrical Engineering at the University of Melbourne in 1969, he worked as a radar systems engineering officer with the Royal Australian Air Force. He completed a PhD in 1975 at the University of Newcastle followed by postdoctoral studies at the Laboratory for Information and Decision Systems, MIT, USA and the Control and Management Department, Cambridge University, UK. In 1977 he took up an academic position at the University of Newcastle, where he was Head of the Department of Electrical and Computer Engineering from 1986 - 1991, and Co-Director of the ARC Centre on Industrial Control Systems between 1988 - 1991. In 1992 he moved to the University of Melbourne, where he was Head of the Department of Electrical and Electronic Engineering until 1996. He was Research Leader for the Cooperative Centre for Sensor Signal and Information Processing until 2000 and Director of the DSTO Centre of Excellence in Networked Decision Systems until 2004. From 2004-2011 he was Director of the Victoria Research Laboratory of NICTA.

He has served on many national and international committees and numerous Government and Academy committees. He was a founding member of the Asian Control Conference Steering Committee, co-chair of the international program committee for the 1993 IFAC World Conference, General Chair of the 2003 International Data Fusion Conference, General Chair of the 2004 Asian Control Conference and a member of the Council of the International Federation for Automatic Control from 2002-2008.

His research has ranged across many areas including theory and applications in industrial control, radar systems, signal processing and telecommunications. He has published around 450 research papers, supervised more than 70 PhD students. He has won a number of best paper prizes including the prestigious Society of Industrial and Applied Mathematics USA (SIAM) Outstanding Paper prize in 2006. He is a Fellow of the Australian Academy of Science (FAA), a Fellow of the Australian Academy of Technological Sciences and Engineering (FTSE), a Fellow of the Institution of Electrical and Electronic Engineers, USA (FIEEE) and Fellow of the Institution of Engineers Australia (FIEAust).

Professor Hugh Griffiths

Hugh Griffiths holds the THALES/Royal Academy Chair of RF Sensors in the Department of Electronic and Electrical Engineering at University College London, England. From 2006–2008 he was Principal of the Defence Academy of Management and Technology. He received the MA degree in Physics from Oxford University in 1975, then spent three years working in industry, before joining University College London, where he received the PhD degree in 1986 and the DSc(Eng) degree in 2000, and served as Head of Department from 2001 – 2006.

His research interests include radar and sonar systems and signal processing (particularly synthetic aperture radar and bistatic and multistatic radar), and antenna measurement techniques. He has published over four hundred papers and technical articles in the fields of radar, antennas and sonar. In 1996 he received the IEEE AES Fred Nathanson Award (Radar Systems Panel Award), and in 2012 he was awarded the IET A.F. Harvey Prize for his work on bistatic radar. He has also received the Brabazon Premium of the IERE and the Mountbatten and Maxwell Premium Awards of the IEE. He is a Fellow of the IET (previously IEE), Fellow of the IEEE, and in 1997 he was elected to Fellowship of the Royal Academy of Engineering.

He serves as President of the IEEE Aerospace and Electronic Systems Society for 2012/2013, and he is an IEEE AES Distinguished Lecturer. He has been a member of the IEEE AES Radar Systems Panel since 1989, serving as Chair from 2007 – 2009, and chaired the Working Group which revised the IEEE Radar Definitions Standard P686 and reaffirmed the Radar Letter Band Standard.
**Professor Wu Jianqi**

Wu Jianqi was educated at University of Electronic Science and Technology in 1990, where he received the MA degree in Electromagnetic Field & Microwave Technology. Since 1990, he has been with the Early-warning and Detection Division, East China Research Institute of Electronic Engineering (ECRIEE), where he is an engineer of radar system. In 1996, Wu Jianqi was appointed as the director of the division. From 2007, he has been the Deputy President of East China Research Institute of Electronic Engineering. In 2011, Prof. Wu was elected to be the Chairman of the Radar Society of China Institute of Electronics.

Prof. Wu’s major technical activities have been in radar system engineering and technology development, especially in air surveillance radar technology. His outstanding achievements have won several National Scientific and Technical Achievements Prizes.

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**Professor Ali Khenchaf**

Ali Khenchaf received the M.S. degree in statistical data processing from the University of Rennes I, Rennes, France, in 1989. In 1992, he received his Ph.D degree in Electronic Systems and Computer Network from the University of Nantes. From 1989 to 1993, he was a Researcher with the IRCCyN (UMR CNRS 6597) Laboratory, Nantes, and was an Assistant Professor from 1993 to 2001. Since September 2001, he has been with ENSTA Bretagne (Ex. ENSIETA), Brest, France, where he is currently a Professor and, from 2001 to 2011, Head of the E3I2 Laboratory (EA 3876). He joined, since January 2012, the laboratory Lab-Sticc UMR CNRS 6285, where he is co-responsible of “Propagation and Interaction Multi-scales” team. The research conducted by Ali Khenchaf for over twenty years in several laboratories are oriented towards both electromagnetic modeling and simulation, and also to the extraction and exploitation of information derived from phenomena induced by the interaction of electromagnetic waves with the environment and/or complex objects (especially sea clutter and detection problems). These activities are designed especially to integrate more “intelligence” in operational systems (airborne, satellite, drone, ...), which are dedicated to perception and observation of the natural environment. His research and teaching courses are in the fields of numerical mathematics, electromagnetic wave propagation, waves and microwave and signal processing. His research interests include radar wave scattering, microwave remote sensing, electromagnetic wave propagation, scattering in random media, monostatic and bistatic scattering of electromagnetic waves, target Radar Cross Section, Radar Imagery and target parameter estimation. He has edited or co-edited three books and author or co-authored over 250 scientific articles. He assumed responsibility of more than 30 scientific projects contracted in partnership with industry and other organizations. He also led or co-directed more than 30 students PhD thesis. In addition, Ali Khenchaf is expert with several agencies and organizations in France and abroad.
Conference Program

Monday 9 September
8.30am-12.30pm  Tutorials am
1.00pm-5.00pm  Tutorials pm
3.00pm-6.00pm  Registration
6.00pm-8.00pm  Welcome Reception

Tuesday 10 September
8.00am-5.00pm  Registration
9.00am-9.15am  Official Welcome and Welcome to Delegates
9.15am-10.00am  Plenary – Keynote Speaker
10.00am-10.45am  Plenary – Keynote Speaker
10.45am-11.15am  Morning Tea
1.15am-12.45pm  Concurrent Sessions
12.45pm-1.45pm  Lunch
1.45pm-3.15pm  Concurrent Sessions
3.15pm-3.45pm  Afternoon Tea
3.45pm-5.15pm  Concurrent Sessions

Wednesday 11 September
8.30am-5.00pm  Registration
9.00am-9.45am  Plenary - Keynote Speaker
9.45am-10.30am  Plenary - Keynote Speaker
10.30am-11.00am  Morning Tea
11.00am-12.30pm  Concurrent Sessions
12.30pm-1.30pm  Lunch
1.30pm-3.00pm  Concurrent Sessions
3.00pm-3.30pm  Afternoon Tea
3.30pm-5.00pm  Concurrent Sessions
7.00pm-11.00pm  Conference Dinner

Thursday 12 September
8.30am-1.00pm  Registration
9.00am-9.45am  Plenary - Keynote Speaker
9.45am-10.30am  Plenary - Keynote Speaker
10.30am-11.00am  Morning Tea
11.00am-12.30pm  Concurrent Sessions
12.30pm-1.30pm  Lunch
1.30pm-3.00pm  Concurrent Sessions
3.00pm-3.30pm  Afternoon Tea
3.30pm-5.00pm  Concurrent Sessions

Tutorial Program

Morning Session:
1. Inverse problems in radar - Stuart Anderson
2. Foliage penetration radar – FOPEN - Mark Davis
3. Introduction to ISAR - Marco Morterolla
4. Clutter modelling and their impact on radar design and performance - Simon Watts

Afternoon Session:
5. Radar imaging - SAR processing - Fabrizio Berizzi
6. Overview of STAP Techniques - Braham Himed
7. Radar tracking techniques (includes Track-before-detect) - Jason Williams and Sam Davey
8. OTH radars - Joe Fabrizio
9. Tutorial TBA

For an abstract and biography or the authors and presenter, please visit www.aomevents.com/radar2013/program

Social Program

Welcome Reception
Date:  Monday 9 September 2013
Time:  6.00pm - 8.00pm
Venue:  Foyer, Hotel Grand Chancellor Adelaide on Hindley
Cost:  Inclusive for Full and Student Discounted registrations only. Additional tickets: $45.00.

Conference Dinner
Date:  Wednesday 11 September 2013
Time:  7.00pm – 11.00pm
Venue:  Ballroom, Hotel Grand Chancellor Adelaide on Hindley
Dress:  Smart Casual
Cost:  Inclusive for Full registrations only. Additional tickets: $100.00.
Registration and Tutorials

**Conference Registration**

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<tr>
<th></th>
<th>EARLY BIRD</th>
<th>STANDARD</th>
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<tr>
<td></td>
<td>(paid for before or on 26 July 2013)</td>
<td>(Paid for after 26 July 2013)</td>
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<tr>
<td><strong>Affiliate</strong></td>
<td>$750.00</td>
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<td><strong>Student/Retirees Registration</strong> *</td>
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<td><strong>Student/Retirees Registration</strong> *</td>
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<td>$225.00</td>
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(All fees are shown in Australian Dollars and include GST.)

*Student rate is applicable to secondary and tertiary students, and retirees.

**Registration Fee Inclusions:**

**Full Registration**

Full registration includes attendance at all Conference sessions, access to the trade exhibition during advertised times, morning and afternoon teas and lunches on Conference days, a name badge, satchel, program book and inclusive ticket for the Welcome Reception and Conference Dinner.

**Student/Discounted Registration**

Full registration includes attendance at all Conference sessions, access to the trade exhibition during advertised times, morning and afternoon teas and lunches on Conference days, a name badge, satchel, program book and inclusive ticket for the Welcome Reception. The Conference Dinner is an additional cost.

**Day Registration**

Day registration includes attendance at Conference sessions, morning and afternoon tea and lunch on the nominated day, access to the trade exhibition during advertised times, a name badge, satchel and program book. The Reception and Conference Dinner are additional costs.

**Online Registration**

SAVE TIME AND REGISTER ONLINE!

Online Registration is available via the Radar 2013 Conference Website

**Tutorial Registration:**

The tutorials are to be held on Monday 9th September and the above registration fees cover attendance at one tutorial, morning and/or afternoon tea and one set of notes.
Registration Terms and Conditions

Payment
Payment of earlybird registration fees are required by Friday, 26 July 2013 to qualify for the rate. After the earlybird due date, all unpaid earlybird registrations will automatically roll over and the delegates will be charged at the standard rate. Full payment is required prior to the commencement of the 2013 International Conference on Radar. Payment of the Conference and all social functions may be refused if payment has not been received. Late fees based on a sliding scale will apply to any outstanding invoices after the conclusion of the Conference.

Payment Methods
Payment may be made by the following options:

Credit Card
The Conference will accept payments from Visa, MasterCard, Diners Club and American Express.

Cheque
Please make cheques payable to ‘AOG Trust Account 6 - Radar 2013’ and post to:
All Occasions Management
41 Anderson Street
Thebarton, South Australia 5031

Electronic Funds Transfer
Account Name - AOG Trust Account 6 - Radar 2013
BSB – 065-112
Account Number – 1020 2481
Bank - Commonwealth Bank of Australia – Hindmarsh SA

Please ensure you add the delegate’s surname as the statement reference otherwise funds will not be allocated. Remittance advice must also be forwarded by email to accounts@aomevents.com or fax +61 8 8125 2233.

Confirmation of Registration
Registrations will be acknowledged in writing to the email address nominated with confirmation of requirements according to the registration form submitted. A tax invoice will be attached to this email. A remittance advice form is included on the last page of the tax invoice. Please complete this form and forward to accounts@aomevents.com. If you have not received a written confirmation within seven days please contact All Occasions Management at sarahb@aomevents.com.

Cancellation Policy
By completing and submitting this registration form, you are indicating your intention to attend the Conference and you will be liable for a cancellation fee if you are unable to attend. Registration cancellations must be sent in writing (mail, fax or email), to All Occasions Management. Registration cancellations received up to 30 days prior to the Conference will receive a full refund, less a $110.00 handling fee. Registration cancellations received less than 30 days and up to seven days prior to the Conference will receive a 50% refund. No refunds will be given for registration cancellations received within seven days of the Conference; however a substitute delegate may be nominated. Refunds from any deposits forwarded to hotels, tour companies or other related business will be at the discretion of the supplier.

Privacy Policy
The All Occasions Group (encompassing All Occasions Management and Travelscene at All Occasions) complies with all legislation which is designed to protect the rights of the individual to privacy of their information, including the Privacy Act 1988 (Cth). Information collected with respect to your registration for participation in this Conference will only be used for the purposes of planning, conduct of the event or communication regarding future events. These details may be made available to parties directly related to the Conference including but not limited to the All Occasions Group, venues, accommodation and travel providers (for the purposes of room/travel bookings and Conference options), key sponsors (subject to strict conditions) and other related parties as deemed necessary. It is also usual practice to produce a ‘Delegate List’ of attendees at the Conference and to include the individual’s details in such a list. By completing this registration form, you acknowledge that the details supplied by you may be used for the above purposes. It is your responsibility to ensure that all information provided to the All Occasions Group is accurate and kept up to date. To access or update your information, please email or fax the All Occasions Group on conference@aomevents.com or +61 8 8125 2233.

Liability/Insurance
In the event of industrial disruptions or natural disasters, IEEE, Engineers Australia, the Organising Committee, and All Occasions Group (encompassing All Occasions Management and Travelscene at All Occasions) cannot accept responsibility for any financial or other losses incurred by the delegates. IEEE, Engineers Australia, the Organising Committee and the All Occasions Group take no responsibility for injury or damage to persons or property occurring during the Conference. All insurance, including medical cover, or expenses incurred in the event of the cancellation of the Conference is the individual delegate’s responsibility. Attendees are encouraged to choose a travel insurance policy that includes loss of fees/deposits through cancellation of your participation in the Conference, or through the cancellation of the Conference itself, loss of airfares for any reason, medical expenses, loss or damage to personal property, additional expenses and repatriation should travel arrangements have to be altered. IEEE, Engineers Australia, the Organising Committee, and All Occasions Group will take no responsibility for any participant failing to insure.
Accommodation

All Occasions Management have made reservations at a number of local hotels for you to access during your stay. To take advantage of these special Conference rates, please book through All Occasions Management during the registration process.

- Accommodation rooms are limited and allocation will be strictly on a first-come first-served basis. Please book your accommodation as soon as possible to avoid disappointment.
- Accommodation is subject to availability.
- Please note that all reservations made without a delegate booking against them need to be released by 9 August 2013. After this date you will need to contact the hotel direct who will only be able to book a room subject to availability.
- Please ensure that you read the terms and conditions on this page carefully before completing your registration form as terms differ for each hotel.

Accommodation Booking and Payment
To make a booking:

- Please read the terms and conditions carefully.
- Complete the relevant section on the registration form and forward an amount equal to one night’s accommodation rate or the full stay, to All Occasions Management.
- Your details, accommodation requirements and payment will be forwarded to the hotel to finalise the booking.
- Delegates will then be responsible for settling their final account with the hotel at check out. A tax invoice for the full amount inclusive of GST will be issued by the hotel on check out.

Accommodation Arrival & Check-out Times
Check in time is 2.00pm and check out time is generally 10.00am. To guarantee a room to be available for an early arrival you will need to book for the night before. Late check out will result in the accommodation venue’s day rate being charged. Please indicate below your anticipated time of arrival especially if you will arrive at your hotel after 6.00pm. Failure to do so may require that your room be released and your accommodation deposit forfeited. In this instance, your subsequent night’s accommodation will be cancelled and may be re-sold without notice.

Rates and Terminology
All rates are in Australian dollars inclusive of GST and are for room only unless indicated otherwise. All rates refer to single, double or twin share unless otherwise indicated. ‘Single’ a single occupancy room. ‘Double’ a room with one double or queen bed. ‘Twin’ a room with two beds.

Accommodation Alterations and Cancellations
Alterations or cancellation of hotel accommodation must be sent in writing to All Occasions Management, not the hotel. Please see below for cancellation conditions for each hotel. You will be required to accept these terms and conditions when completing the registration form. If you do not accept to the terms and conditions, accommodation will not be reserved.

Conference Hotels
Hotel Grand Chancellor Adelaide on Hindley

65 Hindley St, Adelaide
Conference venue

★ ★ ★ ★
$169.00 per Deluxe room per night
$189.00 per Executive room per night

Terms and Conditions :
Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night’s accommodation.

The Sebel Playford Adelaide

120 North Terrace, Adelaide
5 minute walk from conference venue

★ ★ ★ ★
$170.00 per Standard Guestroom per night
$190.00 per Playford Guestroom per night

Terms and Conditions :
Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night’s accommodation.
**Oaks Embassy**

★ ★ ★ ★ ½

96 North Terrace, Adelaide

8 minute walk from conference venue

$219.00 per deluxe one bedroom apartment per night

$305.00 per deluxe two bedroom apartment per night

**Terms and Conditions**

Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night’s accommodation.

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**Oaks Horizons**

★ ★ ★ ★

104 North Terrace, Adelaide

7 minute walk from conference venue

$219.00 per deluxe one bedroom apartment per night

$305.00 per deluxe two bedroom apartment per night

**Terms and Conditions**

Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night’s accommodation.

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**Miller Apartments**

★ ★ ★ ★ ½

16 Hindley St, Adelaide

5 minute walk from conference venue

$175.00 per one bedroom deluxe apartment per night

$195.00 per one bedroom executive apartment per night

**Terms and Conditions**

Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night’s accommodation.

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**Travel**

Travescene at All Occasions is the in-house travel division of the All Occasions Group. With a dynamic travel management team and access to the global buying power of Travescene American Express, Travescene at All Occasions are strongly positioned to offer you a premium level of service at the best possible price. Whatever the mode of travel we can assist with ideas and options from adventure travel to high end luxury stays. To assist with risk management and as a benefit of booking with Travescene at All Occasions, delegates will have access to 24 hour mobile emergency assistance for any travel plans arranged by our office. For flight bookings please email travel@aomevents.com with your departure point and desired arrival and departure dates and times. Please enter ‘Radar 2013’ in the subject header.

**Travescene at All Occasions**

16 Stirling Street, Thebarton, South Australia 5031

**Phone:** +61 8 8125 2222

**Fax:** +61 8 8125 2233

**Email:** travel@aomevents.com

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For further information, please contact:

**All Occasions Management**

41 Anderson Street, Thebarton

South Australia 5031

**Phone:** +61 8 8125 2200

**Fax:** +61 8 8125 2233

**Email:** sarahb@aomevents.com
How to get to Adelaide

*Plane* - Adelaide boasts Australia’s newest international airport and is serviced by six international and four domestic carriers, with regular direct flights to and from all major Australian cities. Adelaide Airport is approximately 20 minutes by taxi to the Adelaide Convention Centre.

*Train* - Keswick Railway Terminal is approximately three kilometres from Adelaide’s city centre, and is serviced by the Overland to Melbourne four times per week, the Indian Pacific between Perth and Sydney twice a week and the Ghan, which runs from Adelaide to Alice Springs and Darwin.

*Road* - South Australia has a good network of public roads and highways to navigate if you are driving to Adelaide. National highways leading to Adelaide include the Sturt Highway (A20), Dukes Highway (A8), and Eyre Highway (A1).

*Coach* - Several coach carriers service the Adelaide Central Bus Station, located in Franklin Street, Adelaide, from other Australian capital cities and regional centres. Carriers include Greyhound, Premier Stateliner and Vline.

Car Parking
Secure car parking is available at the Hotel Grand Chancellor Adelaide on Hindley with rates from $15.00 per 24 hours.

Dress Standards
Smart casual dress is suggested for the Conference sessions and social functions.

Temperature
For the month of September, Adelaide’s mean maximum temperature is 19.1°C; the mean minimum is 9.7°C.

Local Transport

*Airport Shuttle (subtitles)*
The Adelaide Airport is situated 7km from the central business district and major hotels. An Airport City minibus runs between the airport and major hotels every half hour from 7.00am – 10.00pm (hourly on weekends) at a cost of approximately $10.00.

*Taxis*
A taxi from the airport to the city is approximately AUD$20.00.
Suburban Taxi - 131 008
Yellow Cabs - 132 227
Adelaide Independent Taxi - 132 211

*Tram Runs*
Adelaide Metro Trams run from Glenelg and to the Adelaide Entertainment Centre, Port Road. For more information please call + 61 8 8210 1000 or visit the website [www.adelaidemetro.com.au](http://www.adelaidemetro.com.au).
Monday to Friday: 8.00am – 5.35pm (every 8 minutes on average).
Saturday, Sunday, Public Holidays: 9.00am – 6.00pm (approximately every 15 minutes).
Other Times (to Midnight): Approximately every 20 minutes.

*Name Badges*
All delegates, sponsors and exhibitors will be issued with a name badge at registration. Admittance to all sessions and social functions included in the registration fee will require presentation of your badge.

*Registration Desk*
All delegates must register to attend the Conference. The registration and information desk will be located in the Foyer of the Hotel Grand Chancellor Adelaide on Hindley, and will be open during the following hours:

- **Monday 9 September 2013**
  3.00pm - 6.00pm
- **Tuesday 10 September 2013**
  8.00am - 5.00pm
- **Wednesday 11 September 2013**
  8.30am - 5.00pm
- **Thursday 12 September 2013**
  8.30am - 1.00pm
Banking, Currency, Taxes and Tipping

Banks are open Monday to Friday from 9.30am - 4.00pm (5.00pm on Friday). A list of Automatic Teller Machine locations will be provided in the conference program handbook.

Goods and Services Tax (GST) of 10% is applicable in Australia.

Tipping is uncommon and unexpected in Australia. It is only offered after exceptional services and may be between 5% and 10% of the total bill.

Changing Money

International airports and major hotels provide money-changing facilities. Banks are generally open from Monday to Friday from 9.30am - 4.00pm. Automatic Teller Machines (ATMs) are widely available.

Credit Cards

Major credit cards, particularly VISA and Mastercard, are widely accepted.

Currency

All prices quoted are in Australian Dollars (AUD) and include GST.

Customs

Delegates carrying commercial goods or samples may need to obtain permits for their goods depending on the nature of the goods, regardless of value. Quarantine and wildlife regulations and other restrictions may also apply to certain goods. All travellers must declare amounts of $10,000 or more in foreign or Australian currency (notes and coins) you take into or out of Australia. For more information visit www.customs.gov.au.

Electricity

Australian electricity supply is 240V, 50Hz. The connection for appliances is a flat 3-pin plug. Most city hotels provide 110 volts for shavers.

Language

English is the official language of the Conference.

The Tourist Refund Scheme (TRS)

International travellers can claim a refund of the Goods and Services Tax (GST) paid on goods bought in Australia. The refund only applies to goods taken as hand luggage upon departure. The refund will be paid on goods costing A$300 or more, bought from the same store. For details visit www.customs.gov.au.

Visas

All international delegates, apart from New Zealand citizens, must obtain a Visa or Electronic Travel Authority (ETA) before travelling to Australia. Please ensure you organise your documentation well in advance of travel.

Australia’s Electronic Travel Authority (ETA) is an electronically-stored authority for travel to Australia for a short-term tourist or business entry. ETAs are issued within seconds of being requested through computer links between the Australian Immigration Department, travel agents, airlines and specialist service providers around the world. Over 30 countries around the world have access to the free ETA system.

Conference delegates from non-ETA countries will need to obtain a Business (short stay) visa, even if some tourism activities are planned for part of the stay in Australia. It is called a 456 visa if it is issued as a label into a passport. Details are available from the Australian Department of Immigration website (www.immi.gov.au) for more information:

General Information
ETA Application
To register online please visit
http://www.radar2013.org.au
ABN: 44 109 863 514 All Occasions Group Pty Ltd on behalf of Radar 2013
This form becomes a tax invoice upon payment. Please retain a copy for your records. All amounts are in Australian
dollars unless otherwise indicated and are GST inclusive.

Delegate Details
Title_________________________________________________________________________________________________________________________
Given Name_____________________________________________________________________________________________________________________
Family Name_____________________________________________________________________________________________________________________
Preferred name on badge_______________________________________________________________________________________________________
Position_________________________________________________________________________________________________________________________
Organisation/Company___________________________________________________________________________________________________________
Mailing Address_________________________________________________________________________________________________________________
City____________________________________________________________________State________________ Postcode__________ Country ________________
Phone _______________________________________________________________________________________________________________________
Fax  _______________________________________________________________________________________________________________________
Email (correspondence will be sent to this email address)_________________________________________________________________________
Special Requirements (e.g. Dietary requirements, wheel chair access)_________________________________________________________________

Privacy
In registering for this Conference, relevant details will be incorporated into a Delegate List. Delegate Lists will be sent
to sponsors and provided to delegates in the Conference Satchel.
☐ No, I do not consent to publishing my details.

All Occasions Group uses commercial electronic messages (i.e. email updates, newsletters etc.) to keep delegates,
sponsors and accompanying partners informed on both current and future events. You will automatically be kept
informed of Conference and accommodation specials.
☐ No, I would not like to be kept informed of Conference, travel and accommodation specials.

<table>
<thead>
<tr>
<th></th>
<th>EARLY BIRD (paid before or on 26 July 2013)</th>
<th>REGULAR (Paid for after 26 July 2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Affiliate</td>
<td>☐ $750.00</td>
<td>☐ $850.00</td>
</tr>
<tr>
<td>Non-Affiliate</td>
<td>☐ $875.00</td>
<td>☐ $975.00</td>
</tr>
<tr>
<td>Student/Discounted Registration</td>
<td>☐ $400.00</td>
<td>☐ $400.00</td>
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<tr>
<td>Day Affiliate Registration</td>
<td>☐ $410.00</td>
<td>☐ $410.00</td>
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<tr>
<td>Day Non-Affiliate Registration</td>
<td>☐ $450.00</td>
<td>☐ $450.00</td>
</tr>
<tr>
<td>Day Student Registration</td>
<td>☐ $250.00</td>
<td>☐ $250.00</td>
</tr>
</tbody>
</table>

Please select the day(s) you will attend (day registrations only)
☐ Tuesday ☐ Wednesday ☐ Thursday
Tutorial Registrations

<table>
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<tr>
<th></th>
<th>EARLY BIRD (paid for before or on 26 July 2013)</th>
<th>STANDARD (Paid for after 26 July 2013)</th>
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</thead>
<tbody>
<tr>
<td>Affiliate</td>
<td>☐ $345.00</td>
<td>☐ $395.00</td>
</tr>
<tr>
<td>Non-Affiliate</td>
<td>☐ $345.00</td>
<td>☐ $395.00</td>
</tr>
<tr>
<td>Student/Retirees Registration</td>
<td>☐ $175.00</td>
<td>☐ $225.00</td>
</tr>
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Please select the tutorial(s) you wish to attend:

**Morning Session**
- Inverse problems in radar - Stuart Anderson
- Foliage penetration radar – FOPEN - Mark Davis
- Introduction to ISAR - Marco Morterolla
- Clutter modelling and their impact on radar design and performance - Simon Watts

**Afternoon Session**
- Radar imaging - SAR processing - Fabrizeo Berizzi
- Overview of STAP Techniques - Braham Himed
- Radar tracking techniques (includes Track-before-detect) - Jason Williams and Sam Davey
- OTH radars - Joe Fabrizeo
- Applied Multiple-Input Multiple-Output Radar - Gordon Frazer

**Social Program**
To assist with catering please indicate your intentions. **Failure to do so will be noted as non-attendance.**

**Monday 9 September 2013 at 6.00pm, Foyer, Hotel Grand Chancellor Adelaide on Hindley**
- Welcome Reception (inclusive ticket for Full, Student/Discounted registrations only)
- Welcome Reception Additional Tickets $45.00.

<table>
<thead>
<tr>
<th>Number</th>
<th>Cost $</th>
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</table>

**Wednesday 11 September 2013 at 7.00pm, Ballroom, Hotel Grand Chancellor Adelaide on Hindley**
- Conference Dinner (inclusive ticket for Full registrations only)
- Conference Dinner Additional Tickets $100.00.

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<thead>
<tr>
<th>Number</th>
<th>Cost $</th>
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☐ I do not wish to attend any social functions

**Social Program Total $**
Accommodation

Please indicate your preference below. All rates are shown in Australian Dollars, are GST inclusive and room only per night.

Check in date ________________________ Check out date ________________________

ETA_________________________________________am/pm

If applicable, please provide the name of the person you are sharing with_________________________________________

☐ Single  ☐ Double  ☐ Twin  /  ☐ Smoking  ☐ Non Smoking

Hotel Grand Chancellor Adelaide on Hindley
☐ $169.00 per Deluxe room per night
☐ $189.00 per Executive room per night
*Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night's accommodation.*

The Sebel Playford Adelaide
☐ $170.00 per Standard Guestroom per night
☐ $190.00 per Playford Guestroom per night
*Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night's accommodation.*

Oaks Embassy
☐ $219.00 per deluxe 1 bedroom apartment per night
☐ $305.00 per deluxe 2 bedroom apartment per night
*Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night's accommodation.*

Oaks Horizons
☐ $219.00 per deluxe 1 bedroom apartment per night
☐ $305.00 per deluxe 2 bedroom apartment per night
*Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night's accommodation.*

Miller Apartments
☐ $175.00 per 1 bedroom deluxe apartment per night
☐ $195.00 per 1 bedroom executive apartment per night
*Cancellations made within 30 days prior to arrival will incur a cancellation fee of one night's accommodation.*

A reservation will not be made on your behalf without a deposit.

Alterations or cancellation of hotel accommodation booked through All Occasions Management must be sent in writing to All Occasions Management, not to the hotel. Please refer above for the cancellation policy of each hotel.

☐ I have read and agree to the terms, conditions and the cancellation policy of my selected accommodation provider. If this box is not ticked, accommodation will not be reserved.
I have read and agree to the terms and conditions within the registration brochure and the cancellation policy as outlined on page 9. If this box is not ticked, your registration will not be processed.

Registration Total $____________________________
Tutorial Registration Total $____________________________
Social Program Total $____________________________
Accommodation Total $____________________________
Total $____________________________

Please arrange payment with one of the following methods:

☐ Cheque
Enclosed payable to ‘AOG Trust Account 6 - Radar 2013’

☐ Electronic Funds Transfer
Acc Name - AOG Trust Account 6 - Radar 2013
BSB – 065-112
Account Number – 1020 2481
Bank - Commonwealth Bank of Australia – Hindmarsh SA

☐ Credit Card
☐ MasterCard ☐ Visa
☐ American Express ☐ Diners Club

Card number_____________________________________________________________________________________________________________________
Expiry date ____ / ____
CCV Number (3 digit number that appears on back of the card) ______________________________
Cardholder’s name as it appears on the card ____________________________________________________________
Signature ______________________________________________________________________________________________   __________

Please note that debits to your credit card will appear as ‘All Occasions Management’ on your statement.

Please forward this form together with payment to:
Radar 2013 C/- All Occasions Management
41 Anderson Street, Thebarton
South Australia 5031
Phone: +61 8 8125 2200
Fax: +61 8 8125 2233
Email: sarahb@aomevents.com
Website: http://www.radar2013.org.au