### Call for Abstracts & Registration Brochure

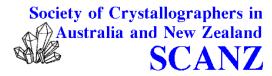
2 – 6 December 2012 Adelaide Convention Centre and Elder Hall, The University of Adelaide (Bragg Symposium)

# AsCA 12/ CRYSTAL 28

## and Bragg Centennial Symposium

A Joint Meeting of the Asian Crystallographic Association (AsCA), Society of Crystallographers in Australia and New Zealand (SCANZ)







### 2 - 6 December 2012



### **Committees**

### **Local Organising Committee**

Prof. John Carver, University of Adelaide (Chair)

A/Prof. Grant Booker, University of Adelaide

Ms. Linda Cooper, Government of South Australia

A/Prof. Maria Hrmova, University of Adelaide

Dr. Nobuyuki Kawashima, University of South Australia

Dr. Ian Menz, Flinders University

Prof. Allan Pring, SA Museum

Dr. Chris Sumby, University of Adelaide

Prof. John Wallace, University of Adelaide

Dr. Steve Wilkins, CSIRO Division of Materials Science and Engineering

### **Bragg Symposium Planning Committee**

**Prof. John Carver**, University of Adelaide

Dr. Peter Colman, Walter & Eliza Hall Institute

A/Prof. John Jenkin, La Trobe University

Dr. Rob Robinson, ANSTO

Dr. Steve Wilkins, CSIRO Division of Materials Science and Engineering

### International Scientific Advisory Committee

Chair: Dr Jose Varghese, CSIRO Preventative Health Flagship, Parkville, Victoria

Prof. Gautam R. Desiraju, Indian Institute of Science, Bangalore, India

**Prof. Zhi-Jie (James) Liu**, AsCA Beijing Organiser, China

**Prof. Se Won Suh**, Department of Chemistry, Seuol National University Korea

**Prof. Masaki Takata,** Spring 8, Japan

Prof. Soichi Wakatsuki, Photon Factory, Japan

Prof. Brendan J. Kennedy, School of Chemistry, University of Sydney

### together with the SCANZ Council

Dr. Jose Varghese

**Prof. Ray Withers** 

Prof. Bostjan Kobe

Prof. Stuart Batten

Dr. Alison Edwards

Dr. Chris Squire

Dr. Darren Goossens

Prof. Charlie Bond

#### **Conference Secretariat**



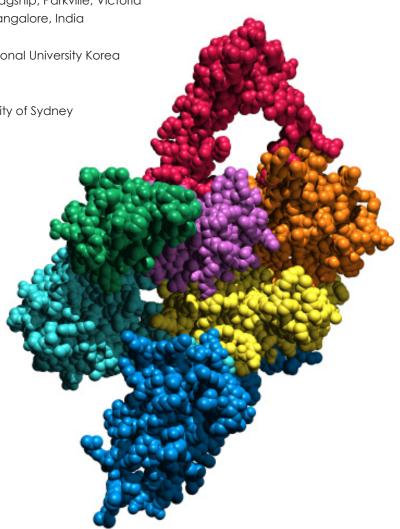
### AsCA 12/CRYSTAL 28

Unit 12, 202 Glen Osmond Rd

Fullarton SA 5063

**Phone:** (08) 8274 6048 **Fax:** (08) 8274 6000

**Email:** crystal2012@sapmea.asn.au **Web:** www.sapmea.asn.au/crystal2012



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### **Sponsors**

**Gold Sponsor** 



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**BRAGG Symposium Sponsors** 















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### **Conference Venue**

Adelaide Convention Centre, North Terrace, Adelaide. The multiaward winning Adelaide Convention Centre enjoys a global reputation for excellence and is consistently ranked among the world's top convention centres. Its reputation is second to none and is founded on superior product, world-class facilities, and constant maintenance of already exceptional standards.



### **Bragg Symposium Venue**

Elder Hall is one of Australia's finest concert halls. It is located in the heart of Adelaide in the grounds of the University of Adelaide on North Terrace. William Bragg had a close association with Elder Hall during his tenure as the Elder Professor of Physics at the University of Adelaide from 1886 to 1909. Part of the celebrated 'boulevard of culture and learning', Elder Hall is close to the Art Gallery, the South Australian Museum, and the State Library. The building is of historical significance and is registered by the National Trust.

### **General Information**

#### Adelaide, South Australia

Adelaide provides the perfect combination of business and pleasure. Arguably the world's best wine, food and environment are wrapped up in Australia's most convenient city. Adelaide is the host of many international events and is known as Australia's arts capital. It is famous for its internationally renowned wineries and as the world capital of Australia's national gemstone, opal. The most convenient aspect of Adelaide is the closeness of facilities to each other, with the Adelaide Convention Centre close to international hotels, cafes, restaurants and shops all within walking distance.

Adelaide Zoo has been entrusted with the care of two Giant Pandas, Wang Wang and Funi, an attraction not to be missed!

### **Adelaide Airport**

The Adelaide Airport is situated 7kms from the central business district and major hotels. Skylink minibuses run between the airport and major city hotels every half hour from 7.00am to 10.00pm (hourly on weekends) at a cost of approximately \$7.00 each way. Taxis from the airport to the Adelaide Convention Centre will cost approximately \$20. Public transport is also available.

### **Dietary and Mobility Needs**

When you register, please notify the Secretariat of any special dietary requirements or mobility disabilities.

### **Dining in Adelaide**

In Adelaide, you'll find entire streets devoted to dining. These 'eat streets' are a mix of cafes, pubs and restaurants. Gouger Street is the gateway to the Adelaide Central Market and the exotic, bustling mall and foodhalls of Chinatown. Take a five-minute stroll and you'll be embarking on a world tour of restaurants. Traditional Thai, Vietnamese, Malaysian and Japanese, Asian fusion, noodle bars, regional Chinese and yum cha, French and Argentine cuisine, and a number of first-rate seafood restaurants.

Rundle Street, in Adelaide's East End, has a popular casual atmosphere and is recommended for lunch and night dining. It's bursting with alfresco dining – a vibrant food, wine and coffee experience not to be missed. O'Connell Street and Melbourne Street are fashionable dining locations in North Adelaide, five minutes drive north of the city.

#### **Parking**

The Centre operates both the Riverbank and North Terrace car parks, which are open 24 hours, 7 days a week. Entry is via North Terrace. Early bird parking is available for \$11 per day if entry is prior to 9.30am and departure prior to 6.30pm. Beyond 6.30pm casual parking charges will apply.

#### **Shopping Hours**

Trading hours are generally Monday to Friday 9am–5.30pm, Saturday 9am–5pm and Sunday 11am–5pm.

Adelaide shopping in Rundle Mall and Rundle Street are open every Friday until 9pm and many are open week nights until 7pm.

Adelaide suburban stores have late night shopping every Thursday until 9pm.

### Transport in Adelaide

Easy access to the Adelaide Convention Centre, and around the Adelaide CBD is available by tram (free around the CBD). A tram stop is located at the front from the Adelaide Convention Centre, and run approximately every 15 minutes.

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### **Call for Abstracts**

#### Abstract Submission Deadline: 30th July 2012

Please download the abstract template on the website and follow the detailed guidelines for abstract submission.

### **Abstract Revisions**

After the deadline, abstracts may not be revised or resubmitted. Proof read abstracts carefully to avoid errors before submission. If accepted, your abstract will be published as submitted.

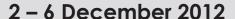
### **Abstract topics**

- Hot structures in Biology
- Metallo-organic structural chemistry
- Diffraction Physics and applications of crystallography
- Membrane Proteins
- Non-ambient and in-situ Diffraction Studies
- Synchrotron and neutron sources, instrumentation and application
- Enzymes
- Energy related materials
- Dynamic aspects of molecular and solid state crystals
- Macromolecular assemblies (Viral proteins)
- Chemical crystallography
- Structural proteomics and bioinformatics
- Drug discovery
- Small angle scattering
- Crystal growth and engineering

**Limited travel sponsorship** (up to a maximum of \$AUD800) is available for Young Scientists who wish to attend the Conference courtesy of the International Union of Crystallography and AsCA. Young scientists from developing countries may be given preference in the distribution of the funds available. Young scientists for this purpose are defined as graduate students, postgraduate students or post-doctoral fellows with a maximum age of 30 (exceptionally 35). Some funding is also available to assist Young Scientists to attend the Bragg Symposium.

**To Apply:** Applications detailing whether you are a graduate student, a post-graduate student or a post-doctoral fellow along with a letter from your supervisor supporting your application, a brief CV and a copy of your submitted conference abstract should be sent to <a href="mailto:crystal2012@sapmea.asn.au">crystal2012@sapmea.asn.au</a>.

Please click here for instructions on how to submit an abstract. Due date is the 30th July 2012.





### **Preliminary Conference Program**

### **Sunday 2nd December**

15:00-20:00	Registration desk open
18:00-20:00	Opening Ceremony Welcome Mixer
20:00-21:00	SCANZ/AsCA Special Plenary Lecture

### **Monday 3rd December**

08:00-19:30	Registration desk open	
09:00-10:00	Plenary 1	
	Chair: TBC	
	PL-1 (Hall D)	
10:00-10:15	Morning tea	
10:15-12:15	Parallel Session 1	
	Hall D	

MS-1

Hot structures in Biology

#### Chairs

Prof Jianping Ding, Chinese Academy of Sciences, Shanghai

Prof Ian Menz, Flinders University, Adelaide

MS-2

Metallo-organic structural chemistry

#### **Chairs:**

Prof Kumar Biradha, Indian Institute of Technology, Kharagpur

Prof Cameron Kepert, University of Sydney

MS-3

Diffraction Physics and applications of crystallography

#### Chairs:

Prof Takashi Kamiyama, IMSS, KEK Dr Andrew Stevenson, CSIRO

12:15-13:30	Lunch
13:30-15:30	Poster Session 1- Odd numbers
15:30-16:00	Afternoon tea
16:00-18:00	Parallel Session 2

MS-4

Membrane Proteins

### Chairs:

Prof Satoshi Murakami, Tokyo Institute of Technology

Prof Jacqui Gulbis, Walter and Eliza Hall Institute (WEHI), Melbourne

MS-5

Non-ambient and in-situ Diffraction Studies

#### Chairs:

Prof Hiroshi Fukazawa, JAEA, Japan Prof Erich Kisi, University of Newcastle

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MS-6

Synchrotron and neutron sources, instrumentation and application

#### **Chairs:**

Prof Sung-Min Choi, KAIST, Korea Prof Garry McInytre, ANSTO

19:20-21:00 **Parallel Session 3** 

MS-6B

Diffraction imaging and XFELS

#### Chairs

Prof Hitoshi Tanaka, Harima RIKEN/SPring-8, Japan Prof Keith Nugent, Australian Synchrotron, Victoria





### **Preliminary Conference Program**

#### **Tuesday 4th December**

08:00-19:30	Registration desk open
09:00-10:00	Keynote 1KN-1 Chairs: TBC
	Keynote 2KN-2 Chairs: TBC
10:00-10:15	Morning Tea
10:15-12:15	Parallel Session 4

MS-7 Enzymes

Chairs:

Prof Zihe Rao, Tsinghua University Dr Chris Squire, University of Auckland

**MS-8** 

Energy related materials

Chairs:

Prof Myung Hyun Paik Suh, Seoul National University Dr Vanessa Peterson, ANSTO

MS-9

Dynamic aspects of molecular and solid state crystals

Chairs:

Prof Masaki Takata, SPring-8/RIKEN, Japan

Prof Chris Ling, University of Sydney

12:15-13:30	Lunch	
13:30-15:30	Poster Session 2- Even numbers	
15:30-16:00	Afternoon Tea	
16:00-18:00	Parallel Session 5	

MS-10

Macromolecular assemblies (Viral proteins)

#### Chairs:

Prof Chen Yang, Tianjin International Joint Academy of Biotechnology and Medicine, China Prof Mike Lawrence, Walter and Eliza Hall Institute (WEHI), Melbourne

MS-11

Chemical crystallography

#### Chairs:

Prof Yu Wang, National Taiwan University, Taipei Prof Stuart Batten, Monash University

MS-12

Structural proteomics and bioinformatics

#### Chairs

Prof Haruki Nakamura, Protein Data Bank Japan (PDBj), Osaka University, Japan Prof Bostjan Kobe, University of Queensland

18:00-19:30

Awards Ceremony





### **Preliminary Conference Program**

### Wednesday 5th December

08:00-19:30	Registration desk open
09:00-10:00	Keynote 3KN-3 <b>Chairs: TBC</b>
	Keynote 4KN-4 <b>Chairs: TBC</b>
10:00-10:15	Morning Tea
10:15-12:15	Parallel Session 6

MS-13

Drug discovery

**Chairs:** 

Dr Kam Zhang, Advanced Science Institute RIKEN, Japan

Dr Tom Peat, CSIRO

MS-14

Small angle scattering

Chairs

Prof Moonhor Ree, Pohang Institute of Science and Technology, Pohang Light Source Prof Nigel Kirby, Australian Synchrotron

MS-15

Crystal growth and engineering

Chairs:

Prof. Ashwini Nangia, University of Hyderabad, India Dr Janet Newman, CSIRO

12:15-13:30	Lunch	
13:30-15:30	AsCA/SCANZ Rising Stars Symposium MS	
15:30-16:00	Afternoon Tea	
16:00-17:00	Plenary 2PL-2 Chairs: TBC	
17:00-17:30	Closing Ceremony	
18:30-22:00	Conference Dinner, National Wine Centre	

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### **Social Program**

The Congress social program will be a time for delegates to catch up with old friends and meet new ones in a relaxed atmosphere.

### **Welcome Reception**

Date: Sunday 2nd December 2012

**Time:** 6.00pm to 8.00pm

Venue: Hall K, Adelaide Convention Centre

**Tickets:** Included in Full Delegate Registration, extra tickets can be purchased at AUD \$75.00 each

Dress Code: Smart Casual

Delegates will have the opportunity to enjoy drinks and

finger food inside the Trade Exhibition area.



#### **Conference Dinner**

Date: Wednesday5th December 2012

Time: 7.00pm to 11.30pm

**Venue:** The Hickembotham Hall, National Wine Centre **Tickets:** Tickets can be purchased at AUD \$100.00 each

Dress Code: Smart Casual

This evening will provide time for guests to chat, eat and

mingle.





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### **Registration Information**

Please read this page carefully before completing the online registration form. Any intending participants MUST register.

### **How to Register**

Please register online via the secure Conference website: www.sapmea.asn.au/crystal2012

### **Registration Fees**

All fees are quoted in Australian dollars (AUD) and are inclusive of 10% Goods and Services Tax (GST).

	Early Bird Price prior to 30 <sup>th</sup> July 2012)	Standard Price on or after 30 <sup>th</sup> July 2012
Full registration for AsCA 12/CRYSTAL 28	\$475.00	\$550.00
Full registration for AsCA 12/CRYSTAL 28 plus Bragg Symposium	\$570.00	\$650.00
Student registration for AsCA 12/CRYSTAL 28	\$325.00	\$375.00
Student registration for AsCA 12/CRYSTAL 28 plus Bragg Symposium	\$375.00	\$425.00
Day registration for AsCA 12/CRYSTAL 28	\$150.00	\$175.00
Bragg Symposium only Full Registration	\$100.00	\$125.00
Bragg Symposium only Student Registration	\$50.00	\$75.00

### Full and Student Registration fee for AsCA 12/CRYSTAL 28 includes:

- All scientific sessions
- Conference materials (including abstract and program book)
- Welcome reception
- Morning and Afternoon Teas and Lunches

### Day registration Registration fee for AsCA 12/CRYSTAL 28 includes

- All scientific sessions on the day
- Conference materials (including abstract and program book)
- Morning and Afternoon Teas and Lunches on a day

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### **Method of Payment**

No registration will be confirmed until payment is received. Payment can be made by the following 3 methods:

#### 1. Credit Cards

Visa, Mastercard, AMEX and Diners. Please note all credit card payments are made through secure and encrypted online payment gateway, and will be elisted as a transaction with **sapmea** on your credit card statement.

### 2. Electronic Funds Transfer (EFT) or Telegraphic Transfer (TT)

BankSA (ST GEORGE BANK)

North Adelaide Branch, South Australia

Account Name: The South Australian Postgraduate

Medical Education Association Inc.

Swift Code: SGBLAU2S BSB Number: 105 022

Account Number: 112596640
Reference: '9210/Order#'

Please forward remittance advice by email to <a href="mailto:crystal2012@sapmea.asn.au">crystal2012@sapmea.asn.au</a> or fax through when

deposit made via electronic transfer.

### 3. Personal or Company cheque

Australian delegates only. Cheques should be made payable to sapmea.

### **Confirmation & Receipt**

Once your registration has been processed you will automatically receive a confirmation email. Please bring this letter with you to the on-site registration desk.

#### **Cancellation of Registration**

Cancellations must be made in writing to the Conference Secretariat. Delegates whose cancellations are received prior to 15 October 2012 will receive a full refund less AUD \$110.00 administration fee. The committee may consider cancellations of registrations under exceptional circumstances. Substitute delegates will be accepted in writing.

#### **Disclaimer**

Every effort has been made to present as accurately as possible, all the information contained in this brochure. The Organising Committee, sapmea Incorporated and its Agents act only to procure and arrange these activities and do not accept responsibility for any act or omission on the part of the service providers. No liability is accepted for any inaccuracy or misdescription, nor for delay or damage, including personal injury or death, howsoever caused resulting from or arising out of reliance upon any general or specific information published in this brochure. In the event of unforeseen circumstances, the Organising Committee reserves the right to change any or all of these details.

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### **Accommodation**

Rooms have been reserved for registrants of the AsCA 12/CRYSTAL 28 Conference at special group rates at the following properties. Accommodation bookings for the following rates can only be booked through sapro. To secure your booking you are required to provide credit card details or full prepayment of accommodation which will be given to the hotel of your choice. Availability of accommodation cannot be guaranteed after Wednesday 31 October 2012 unless sold out

Rates quoted are per room per night for up to 2 people (unless otherwise indicated) using existing bedding, include GST and do not include breakfast.

### InterContinental Adelaide Self RATED





North Terrace, Adelaide - Adjacent congress venue

The Intercontinental Adelaide is situated in one of the city's finest locations, on the picturesque River Torrens. The hotel forms an integral part of Adelaide's spectacular new Riverbank promenade and is adjacent to the Adelaide Convention Centre, Adelaide Casino and the Festival Centre. Adelaide Airport is just a 15-minute drive from the hotel.

The hotel features 24 hour front desk, Business Centre, Concierge, Restaurants and Bar, Pool, Spa and Sauna, Gym/Fitness Room and 24 hour room service.

Room Type	Bedding	Standard Rate
Superior King Room – Single	1 King	\$220 Including Breakfast

Cancellations received after 31 October 2012 will incur a cancellation fee of one nights' accommodation.

Cancellations or nights reduced after 20 November 2012 will incur a cancellation fee equal to 100% of the total accommodation cost.

### Rockford Adelaide ★★★★☆



164 Hindley Street, Adelaide – approximately 4 minute walk to Conference venue

4.5 Star Rockford Adelaide is located on the corner of Morphett and Hindley Streets in the vibrant West End of the city. This boutique style hotel is a non smoking hotel that provides a high level of guest comfort with spacious, modern contemporary style rooms. The roof top heated pool captures panoramic views of the cityscape.

Room Type	Bedding	Rate
Standard Room	1 Queen	\$159
Superior Room	1 King	\$179

Cancellations received after 31 October 2012 will incur a cancellation fee equal to one nights' accommodation.

### Mercure Grosvenor ★★★★



125 North Terrace, Adelaide - approximately 3 minute walk to Conference venue

This 1920s landmark hotel offers a wide range of facilities including guest laundry, car parking, restaurant, beauty salon and bar. Mercure Grosvenor is a unique property, offering a variety of room types to fit the needs of all travellers. For the budget conscious there are Economy rooms which are a 3 star rating. These are a compact room with small ensuite, modern yet basic and at the rear of the building. For the business, convention and leisure traveller the hotel also features 4 star Standard rooms.

Room Type	Bedding	Rate
Economy Room ***	1 Queen	\$115
Economy Twin Room ***	2 Singles	\$115
Standard Room ***	1 Queen	\$150
Standard Twin Room ***	2 Singles	\$150

Cancellations received after 31 October 2012 will incur a cancellation fee of one nights' accommodation.

Cancellations or nights reduced within 3 days of your arrival date will incur a cancellation fee equal to 100% of the total accommodation cost.

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### Breakfree Adelaide ★★★★

255 Hindley Street, Adelaide – approximately 5 minute walk to Conference venue

Breakfree Adelaide offers business and leisure travellers serviced studios, one or two bedroom apartments situated in Adelaide's contemporary West End. Guests will enjoy comfortable accommodation in well-appointed, spacious apartments which include modern amenities. The property offers a premium range of quality guest facilities and services ideally suited to both corporate and leisure travel needs. There is a 24-hour reception, foreign exchange desk, business facilities, same day laundry service, safety deposit boxes and daily housekeeping.



Room Type	Bedding	Rate
Studio Apartment	1 Queen	\$139
One Bedroom Suite	1 Queen	\$144
One Bedroom Suite – 2 Singles	2 Singles	\$144

**Cancellations** received after 31 October 2012 will incur a cancellation fee of one nights' accommodation. **Cancellations** or nights reduced on or after 14 November 2012 will incur a cancellation fee equal to 100% of the total accommodation cost.

### Adelaide Paringa Motel ★★★☆

15 Hindley Street, Adelaide – approximately 8 minute walk to Conference venue

The Newly Refurbished Adelaide Paringa is situated in the heart of Adelaide's business and shopping districts. The Adelaide Paringa features spacious, air conditioned, non smoking rooms all with ensuite bathrooms, mini bars, high speed internet access and free Foxtel channels. Guest luggage can be stored free at reception for the convenience of guests arriving early or departing late. Relax in our newly furbished guest lounge which offers internet access, large flat screen LCD TV, complimentary teas, coffee, hot chocolate and refreshing spring water making it a comfortable environment in which to plan your day



Room Type	Bedding	Rate
Standard Room	1 Queen	\$105
Standard Queen Single Room	1 Queen + 1 Single	\$110
Deluxe Room	1 Queen	\$120
Deluxe Twin Room	1 Queen + 1 Single	\$120

**Cancellations** received after 31 October 2012 will incur a cancellation fee of one nights' accommodation. **Cancellations** or nights reduced on or after 22 November 2012 will incur a cancellation fee equal to 100% of the total accommodation cost.

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### Adelaide Central YHA Budget

135 Waymouth Street, Adelaide - approximately 12 minute walk to Conference venue

Adelaide Central YHA is close to markets, nightlife, shopping and public transport. The property is fully air conditioned with a large self-catering kitchen, dining room, TV room, free linen, free video hire, free tea and coffee, free luggage storage, 24 hour internet access (including wireless) and 24 hour staff and security access.



Room Type	Bedding	Rate
Double Ensuite Room	1 Double	\$105
Double Shared Facilities Room	1 Double	\$87

**Cancellations** received after 31 October 2012 will incur a cancellation fee of one nights' accommodation. **Cancellations** or nights reduced on or after 14 November 2012 will incur a cancellation fee equal to 100% of the total accommodation cost.

### Royal Adelaide Hospital Residential Wing Budget

North Terrace, Adelaide – approximately 20 minute walk to Conference venue

Conveniently located on North Terrace Adelaide, the Royal Adelaide Hospital (RAH) is the city's major public hospital. The Residential wing used to be the nurses' home and has twelve floors. It is located at the rear of the hospital (northern end). The rooms are basic and linen is provided.



Room Type	Bedding	Rate
Single Room with Shared Facilities	1 Single – 1 pax	\$30
Ensuite Room	1 Double and 2 Singles	\$80

**Cancellations** received after 31 October 2012 will incur a cancellation fee equal to one nights' accommodation.

### Early and Late Check-in

The check-in and out times for your hotel will be displayed on your confirmation letter. If you wish to be guaranteed earlier access to your room, you will need to make your booking from the night before.

Please indicate if you will be arriving at your hotel after 6.00pm. Failure to do so may mean your room will be released.

#### Change or cancellation of Booking

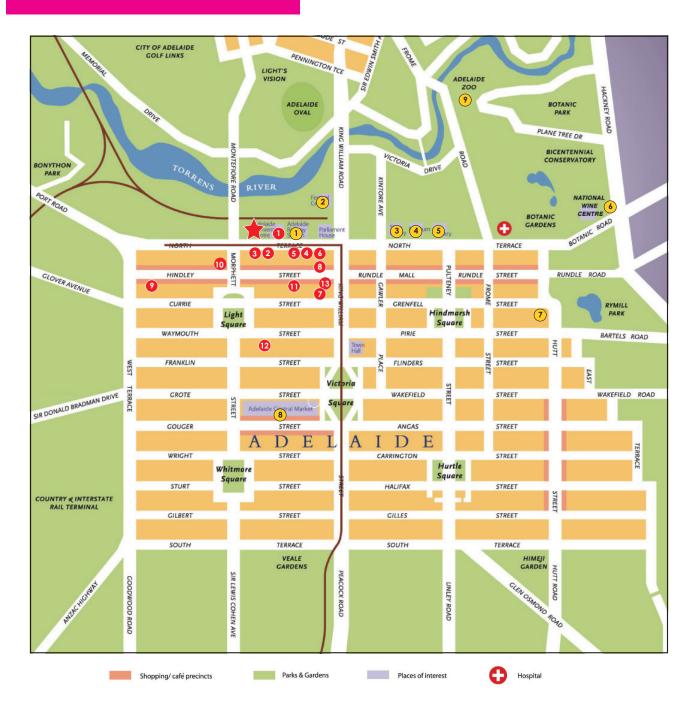
Due to the nature of group bookings any booking changes or cancellations must be made in writing to **sapro** and NOT directly to the hotel.

\* Photos of room types are examples and may not reflect the end product.

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### **Accommodation**



### Accommodation:

- 🛊 Adelaide Convention Centre
- 1 InterContinental Adelaide
- 2 Oaks Embassy Hotel
- Oaks Horizons Hotel
- 4 Mecure Grosvenor
- 5 Sebel Playford Adelaide
- 6 Stamford Plaza Adelaide
- 7 Hotel Grand Chancellor
- 8 Miller Apartments

- BreakFree on Hindley
- 10 Hotel Rockford Adelaide
- Hotel Grand Chancellor Adelaide on Hindley
- 12 Adelaide Central YHA
- 🚯 Adelaide Paringa Motel

### Attractions:

- 1 Sky City Adelaide (Casino)
- 2 Adelaide Festival Centre
- 3 State Library of South Australia
- 4) South Australian Museum
- (5) Art Gallery of South Australia
- 6 National Wine Centre of Australia
- 7 National Aboriginal Cultural Institute
- 8 Adelaide Central Markets & Chinatown
- 9 Adelaide Zoo