



## INFRARED & RAMAN USERS GROUP 13<sup>TH</sup> BIENNIAL CONFERENCE

### Art Gallery of New South Wales, 5-7<sup>th</sup> December 2018

The mission of the Infrared & Raman Users Group (IRUG) is to support the professional development of its members by providing a forum for the exchange of infrared & Raman spectroscopic information & reference spectra for the study of the world's cultural heritage.

This initiative is sustained at biennial conferences, where participants share information & present research papers on a range of topics. A primary goal of IRUG is to improve & expand the data generated and shared by its members. Toward this end, IRUG actively develops a cooperative database of peer-reviewed IR & Raman reference spectra relevant to cultural heritage materials.

For more information please visit: [www.irug.org](http://www.irug.org) and <http://www.artgallery.nsw.gov.au/>

### IRUG13 Conference Topics

Program comprises a 3-day conference with lectures & poster sessions with pitches on aspects of the application of IR & Raman spectroscopies to the study of cultural artifacts & their preservation. One afternoon of excursions to local scientific & artistic sites w/ exclusive access for delegates. Approximately 30 peer reviewed papers & 20 posters.

#### Keynote speakers:

**Dr. Narayan Khandekar**, Director Straus Center for Conservation, Harvard University, will speak on 'Materials and techniques of traditional Aboriginal bark paintings.

**Dale Harding**, Artist. "Dale Harding makes wall paintings using stencils & various pigments made up of yellow-brown ochres & the laundry whitener Reckitt's Blue; in doing so he brings a very long past into view. Much of his inspiration comes from the rock paintings in the Carnarvon Gorge of Australia's Central Queensland, a place to which he has a deep ancestral connection & part of an area that has seen nearly 20,000 years of indigenous occupation." Kitty Scott, *Future greats: Dale Harding*  
[https://artreview.com/features/ara\\_summer\\_2018\\_future\\_greats\\_dale\\_harding/](https://artreview.com/features/ara_summer_2018_future_greats_dale_harding/)

### Information for Presenters

Guidelines for presenters, posters and poster pitches are forthcoming.

#### Registration (includes welcoming drinks and conference dinner)

Full registration	<b>AUS\$440</b> (400+40 gst*)
Student registration	<b>AUS\$275</b> (250+25 gst)
Accompanying person (social events only)	<b>AUS\$220</b> (200+20 gst)

\*Goods and services tax

To secure your place (limited numbers), please fill in [IRUG13 REGISTRATION FORM](#) (also on IRUG.org homepage) & send with payment to: [IRUG2018@ag.nsw.gov.au](mailto:IRUG2018@ag.nsw.gov.au)

## Abstract Submission

Abstract submission is closed. Authors have received a notification of acceptance. Conference program of presentations and posters is forthcoming.

## IRUG13 Conference Committee

- **Paula Dredge, Conference Convenor**, Art Gallery of NSW, Australia
- **Anne Carter**, Queensland Art Gallery|Gallery of Modern Art, Brisbane, Australia
- **Elizabeth Carter**, Sydney Analytical, The University of Sydney, Sydney, Australia
- **Céline de Courlon**, Art Gallery of NSW, Sydney, Australia
- **Celia Cramer**, Art & Archival, Queanbeyan, Australia
- **Suzanne Lomax**, National Gallery of Art, Washington, USA
- **Marcello Picollo**, Institute of Applied Physics “Nello Carrara”, Sesto Fiorentino, IT
- **Boris Pretzel**, IRUG Chair (Europe & Africa); Victoria & Albert Museum, London, UK
- **Beth Price**, IRUG Chair (Americas); Philadelphia Museum of Art, USA

## IRUG13 Scientific Review Committee

- **Marcello Picollo, Scientific Review Committee Chair**; Institute of Applied Physics “Nello Carrara” Sesto Fiorentino, Italy
- **Danilo Bersani**, University of Parma, Parma, Italy
- **Elizabeth Carter**, Sydney Analytical, The University of Sydney, Sydney, Australia
- **Silvia Centeno**, The Metropolitan Museum of Art, New York, USA
- **Wim Fremout**, Royal Institute for Cultural Heritage, Brussels, Belgium
- **Suzanne de Grout**, Cultural Heritage Agency of the Netherlands, Amsterdam, NL
- **Kate Helwig**, Canadian Conservation Institute, Ottawa, Canada
- **Suzanne Lomax**, National Gallery of Art, Washington, USA
- **Richard Newman**, Museum of Fine Arts, Boston, USA
- **Gillian Osmond**, Queensland Art Gallery|Gallery of Modern Art, Brisbane, Australia
- **Catherine Patterson**, Getty Conservation Institute, Los Angeles, USA
- **Boris Pretzel**, Victoria and Albert Museum, London, UK
- **Beth Price**, Philadelphia Museum of Art, Philadelphia, USA
- **Greg Smith**, Indianapolis Museum of Art at Newfields, Indianapolis, USA
- **Mark Tobin**, Australia Synchrotron, Melbourne, Australia
- **Masahiko Tsukada**, Tokyo University of the Arts, Tokyo, Japan
- **Manfred Schreiner**, Academy of Fine Arts, Vienna, Austria

## Important Dates

- **Authors acceptance notification**: 16 July 2018
- **Registration opens**: 16 July 2018
- **Preliminary programme online**: 16 September 2018

## Conference Venue

Conference sessions will take place in the [Domain Theatre](https://www.artgallery.nsw.gov.au/venues/domain-theatre) at the **Art Gallery NSW**, Art Gallery Road, Sydney. (<https://www.artgallery.nsw.gov.au/venues/domain-theatre>)

## Excursions

Thursday, 6<sup>th</sup> December, 1-5 pm

**1. Australian Nuclear Science Technology Organisation (ANSTO), Lucas Heights.** A one-hour bus ride south of Sydney will take delegates to ANSTO's Lucas Heights campus, home to Australia's nuclear science expertise and some of the country's most important scientific infrastructure. As a part of the IRUG 13 Conference, delegates will have the option to visit ANSTO to tour the Open Pool Australian Lightwater (OPAL) multi-purpose reactor, which is globally regarded as one of the most efficient reactors in the world, the Australian Centre for Neutron Scattering, and the Centre for Accelerator Science (CAS). This tour will be a journey into the sub-atomic world to see how ANSTO researchers are providing a better understanding of cultural heritage. Please note that delegates will be asked some personal details for security when registering for the visit.  
**Cost: AUS\$30**

**2. iCinema Centre for Interactive Cinema Research, University of NSW, Randwick**  
A short bus ride will take delegates to the University of NSW, where they will be shown and demonstrated pioneering immersive reality works in archaeology, conservation and data visualisation for cultural heritage. The iCinema Centre for Interactive Cinema Research is a multi-faculty centre spanning the Faculties of Art & Design, Arts & Social Sciences, and Engineering & Science at the University of NSW. Its principal focus is interdisciplinary creative arts, engineering, humanities and science research into immersive interactivity. The Centre is focused on the way next generation technologies can be used to imagine new ways of living, learning, researching & working.  
**Cost: AUS\$20**

**3. Derivan Pty. Ltd. Paint Factory, Rhodes (<http://www.derivan.com.au>)**  
Take a commuter ferry up the harbour to a local artist's paint manufacturer. Delegates will be shown around the processing floor and taken to a demonstration room to see the paint makers in action. Since 1964, Derivan has been committed to providing the arts community with the finest quality artist acrylic colours and mediums. Derivan has grown from a tiny affair operating out of stables in Sydney's inner city to the multinational operation that it is today. **Cost: Public transport own cost**

**4. Sydney Observatory (<https://maas.museum/sydney-observatory>)**  
Built in 1858, Sydney Observatory is one of the most significant sites in the nation's scientific history. It is recognised as an item of 'state significance' by the New South Wales Government and is heritage listed. Beginning as the centre of scientific research for the colony of New South Wales, the Observatory has a seminal role in the history of timekeeping, meteorology and astronomy in Australia. Now known as Observatory Hill, the site was previously known as Windmill Hill, Citadel Hill, Fort Phillip, and Flagstaff Hill. Each name indicates the site's function over time, all of which relied on it being the highest point over Sydney Harbour. Curatorial tour of site including telescope. **Cost: Public transport own cost**

## Social Program

### Welcoming drinks Wednesday 5<sup>th</sup> December 6-7pm

Drinks and canapés will be held in the Function Space at the Art Gallery of NSW from 6 to 7 pm. The Gallery is open late on Wednesday evenings until 9pm and guests are welcome to continue to enjoy the Art After Hours program in the gallery.

### Conference dinner Thursday 6<sup>th</sup> December 6-10pm

The Conference dinner will be held at **Athol Hall, Mosman**, a fine dining experience situated on Sydney Harbour overlooking the Harbour Bridge, city and Sydney Opera House. Guests will take a local ferry to Taronga Wharf and stroll through bushland to arrive at the recently restored 1920s dance hall. Canapés and drinks will be served on the veranda followed by a three-course dinner & drinks. The spectacular view of the city lights will be revealed during the evening.



## Plan Your Stay

### Accommodations

Sydney is very busy during the month of December, so we recommend you book your hotel soon!

Options include:

#### 1. **New College, University of NSW**

Student room with shared bathroom. Breakfast included. University college accommodation. 30-minute bus ride to city and 10-minute walk to the Art Gallery of NSW. <https://www.newcollege.unsw.edu.au/sydney/new-college-room-types> **Discounted rate is \$AUS72.50, when quoting 'IRUG2018'** (email: [Conferences@newcollege.unsw.edu.au](mailto:Conferences@newcollege.unsw.edu.au))

**2. New College Village, University of NSW, 330 Anzac Parade Kensington** New College Village has single guest rooms with air conditioning. All rooms have kitchen facilities, ensuite bathroom, study area, and telephone. There is weekly housekeeping; bed and bath linen are provided. Shared laundry facilities are available and internet access is an additional cost. 30-minute bus ride to city and 10-minute walk to the Art Gallery of NSW. <https://www.newcollege.unsw.edu.au/sydney/ncv-room-types> Single ensuite discounted rate is **\$AUS92.50**, when quoting 'IRUG2018' (email [Conferences@newcollege.unsw.edu.au](mailto:Conferences@newcollege.unsw.edu.au))

### **3. Mariner's Court, 44-50 McElhone Street, Woolloomooloo**

Mariners Court is a 3 and half star hotel located 200 metres from the foreshore in Sydney's famous harbour destination, Woolloomooloo. The hotel is ideally situated close to the Art Gallery of NSW only a 7-minute walk. Mariners Court provides a warm and homely environment, personal and friendly service. Free Wi-Fi. <http://www.marinerscourt.com.au/> Double from about **\$AUS170/night**.

### **4. Kirketon Hotel, 229 Darlinghurst Road, Darlinghurst**

Built in 1990, the four-star Kirketon hotel was renovated in 2012. It is located in a vibrant restaurant and nightlife area close to the city just a 20-minute walk away from the Art Gallery of NSW. <http://www.kirketon.com.au/> Double from about **\$AUS150-200/night**.

### **5. Vibe Hotel, 100 Bayswater Road, Rushcutter's Bay**

The newly refurbished Vibe Hotel Rushcutters Bay boasts a range of beautiful rooms, great restaurant and gorgeous rooftop pool in an ideal location in Sydney's Eastern Suburbs. 20-minute walk or bus ride to the Art Gallery of NSW. <https://www.tfehotels.com/en/hotels/vibe-hotels/rushcutters-sydney/> Double from about **\$AUS210-250/night**.

### **6. Novotel Manly Pacific**

With its spectacular beachfront location, Novotel Sydney Manly Pacific offers access to the best of Manly, while still being within easy reach of Sydney. This beautiful Sydney hotel is a short stroll from the ferry terminal, where guests can catch a ferry to Sydney CBD. The fast ferry takes 20 minutes, while the standard ferry takes half an hour. Both arrive and depart regularly throughout the day. The Art Gallery of NSW is a 15-minute walk from the ferry quay. <http://www.novotelmanlypacific.com.au/> Double from about **\$AUS300-340/night**.

### **7. Ovolo Woolloomooloo, 6 Cowper Wharf, Woolloomooloo**

Renovated wharf hotel on Sydney Harbour. Heritage meets modern luxury. 5 minute walk to Art Gallery NSW. <https://www.ovolohotels.com.au/ovolowoolloomooloo> Double from about **\$AUS404 (special)/night**.

## **Contact Information**

Contact address: **IRUG2018@ag.nsw.gov.au**



## Sponsors

This conference is made possible by the generous support of ThermoFisher Scientific; NSW Government, Office of Chief Scientist and Engineer; Renishaw PLC; Sydney Analytical Vibrational Spectroscopy Core Research Facility, The University of Sydney; Agilent Technologies Australia Pty Ltd; Bruker Pty Ltd; Perkin Elmer Life and Analytical Sciences; and the John Morris Group.

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