



ANS/AuPS 2010

Australian Neuroscience Society
30th Annual Meeting

in conjunction with the

Australian Physiological Society
50th Anniversary Meeting

Registration and Call for Abstracts

Abstract deadline October 26, 2009

Sydney Convention and Exhibition Centre
31 January – 3 February 2010



AN INVITATION FROM THE CO-CHAIRS OF THE CONFERENCE

We are delighted to invite you to participate in ANS/AuPS 2010, incorporating the Annual Meeting of the Australian Neuroscience Society and the 50th Anniversary Meeting of the Australian Physiological Society.

The meeting will be at the Darling Harbour Convention Centre, where the highly successful ANS 2006 meeting was held. It will include a celebration of the 50th anniversary of the first meeting, also held in Sydney, of the Australian Physiological and Pharmacological Society, from which both ANS and AuPS have grown. As co-chairs of the Organising Committee, we believe that this meeting will provide a wonderful opportunity for stimulating interactions between physiologists and neuroscientists.

The scientific program will include symposia and free communications, and plenary lectures to be presented by David J. Adams, David Attwell, Herbert Herzog and Gilles Laurent. The program will provide ample time and space for poster presentations. Once again there will be a trade display and an Exhibitor Passport Competition, and your chance to win one of the excellent prizes on offer.

The Committee will ensure that this meeting will also be socially enjoyable. In addition to our popular 'mixer' on the Sunday evening and the Conference Dinner on Tuesday night, there will be a special event on the Monday evening – a Seminar and Cocktail Party celebrating the 50th Anniversary of AuPS, to be held at the University of Sydney. Bus transport will be provided to transport you from the Sydney Convention Centre for this special celebration.

The conference venue is adjacent to several conference hotels and within walking distance of the city centre, China Town, the Maritime Museum, the Powerhouse Museum, the Sydney Aquarium, IMAX theatre and a diverse mix of cafes, bars and restaurants. Ferries connect Darling Harbour to Circular Quay, from where you can take a leisurely stroll around The Rocks – the historic heart of Sydney – or sip champagne at the Sydney Opera House. From Circular Quay you can take a ferry to several other attractions, such as Taronga Park Zoo, Manly Beach or Watson's Bay.

We look forward to seeing you in Sydney.

Sam Solomon & Roger Dampney

Co-chairs, ANS/AuPS 2010

Chairs, Organising Committee

Sam Solomon
Bosch Institute
University of Sydney
SYDNEY NSW 2006
E-mail: samuels@physiol.usyd.edu.au

Roger Dampney
Discipline of Physiology
University of Sydney
SYDNEY NSW 2006
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Organising Committee Members

Jane Butler, Prince of Wales Medical Research Institute, NSW
Anuwat Dinudom, University of Sydney, NSW
Ann Goodchild, Macquarie University, NSW
Cathy Leamey, University of Sydney, NSW
Trevor Lewis, University of New South Wales, NSW
Peregrine Osborne, University of Sydney, NSW
Jacqueline Phillips, Macquarie University, NSW
Dario Protti, University of Sydney, NSW
Atomu Sawatari, University of Sydney, NSW
Jamie Vandenberg, Victor Chang Cardiac Research Institute, NSW

Program Committee Members

David J. Adams, RMIT University, VIC
Anuwat Dinudom, University of Sydney, NSW
Trevor Lewis, University of New South Wales, NSW
Dario Protti, University of Sydney, NSW
David Small, Menzies Institute, TAS
David Vaney, Queensland Brain Institute, QLD

Conference Secretariat

Sally Jay Conferences, ANS/AuPS 2010, PO Box 2331, KENT TOWN 5071 AUSTRALIA
Phone: (61 8) 8362 0038 Fax: (61 8) 8362 0038 E-mail: ans@sallyjayconferences.com.au
On-line registration and submission of abstracts: <http://www.sallyjayconferences.com.au/sydney2010>

ANS Officers

President: David Vaney
President Elect: Sarah Dunlop
Secretary: Ann Turnley
Treasurer: Jacqueline Phillips
Editor: David Small

AuPS Officers

President: David J. Adams
Secretary: Joe Lynch
Treasurer: Stefan Bröer
Editor: Anuwat Dinudom

Venue

Sydney Convention & Exhibition Centre
Darling Harbour
PYRMONT NSW 2009
Tel: (61 2) 9282 5000
Fax: (61 2) 9282 5041
www.scec.com.au

PROGRAM OVERVIEW

Plenary Lectures and Symposia

The scientific program will run for 3 full days from Monday, 1 February to Wednesday, 3 February 2010. There will be 4 Plenary Lectures and 16 Symposia (including the Presidential and IBRO-ANS Symposia) featuring outstanding overseas and Australian speakers.

Oral Communications

Some abstracts will be selected for oral communication sessions, which will be held every day of the conference.

Poster Presentations

The principal form of free communications will be posters. **All posters will be on display for two full days of the conference.** Poster sessions are scheduled during the afternoons of Monday, 1 February and Tuesday, 2 February and will be grouped to provide opportunity for discussion across all scientific themes. The display space for posters will be 1.0 metre wide x 1.2 metres high. **Velcro will be supplied - pins must not be used.** Posterboards will be numbered.

Audiovisual Facilities

Data projection will be available in all lecture rooms. A technician will be present in each room to ensure the presentation is available as the speaker goes to the lectern. Macintosh users will have access to a Macintosh notebook located at the lectern. All presenters should report to Speaker Preparation the day before their presentation or one full session beforehand if they are presenting on the first day. The times speaker preparation is open will appear at the front of your program hand book. We also suggest that you bring a backup of your presentation. Full details can be found at: <http://www.sallyjayconferences.com.au/sydney2010/audiovisual.html>

SOCIAL PROGRAM

Sunday, 31 January

WELCOME MIXER 18:00 – 20:00

Exhibition Hall – Sydney Convention Centre

Enjoy hors-d'oeuvres and a drink over a leisurely 2 hours, whilst visiting the Trade Exhibition and catching up with colleagues not seen since last year.

Cost: Mixer tickets are included in the registration fee.

\$45 per person for accompanying guests

Monday, 1 February

AuPS HISTORICAL LECTURE/50th ANNIVERSARY COCKTAIL PARTY 18:30 – 21:00

University of Sydney

This meeting will be the 50th anniversary of the first meeting of the Australian Physiological and Pharmacological Society (APPS), as it was called until its name was changed to the Australian Physiological Society (AuPS). The first meeting of this society was also held in Sydney, on the main campus of the University of Sydney. To commemorate that occasion, there will be a seminar at the University of Sydney on Monday 1 February 2010, commencing at 6:30 pm in the Eastern Avenue Auditorium. The seminar will consist of lectures on the history of APPS and AuPS by two distinguished Honorary Members of the society, Emeritus Professor Paul Korner, who attended the first meeting of APPS in 1959, and Professor Uwe Proske, who has also had a long association with the society.

The seminar will conclude at 7:30 pm and will be followed by a cocktail party in the Anderson Stuart Building, which is a short walk from the Eastern Avenue Auditorium. It is planned to have on display in the Anderson Stuart Building, photographs and other memorabilia commemorating the history of APPS and AuPS, and of Australian physiology in general. Buses will be provided to transport conference registrants to the University of Sydney; they will depart from the Sydney Convention Centre at 6:00 pm.

Cost: \$30 for full registrants and accompanying persons. \$25 for student registrants (one ticket per student). Ticket cost includes cocktail party and bus transport from the Sydney Convention Centre. Transport is not supplied for the return trip.

Note: If you are not attending the conference, you can either ask a colleague who is attending the conference to book you a ticket as an accompanying person to the AuPS function, OR contact Cindy Guy (email: cindyg@physiol.usyd.edu.au) to purchase your ticket/s.

Tuesday, 2 February

CONFERENCE DINNER 19:00 – 23:00

Dockside, Cockle Bay

The conference dinner will be held at the Dockside, Cockle Bay just a short stroll from the conference venue. Pre-dinner drinks will be served on the balcony overlooking the water and delegates will then move inside to enjoy a three course dinner while watching the sunset over Sydney Harbour.

The conference has subsidised student registrants' attendance to the tune of \$30 per ticket, to make the night a little more affordable. It will be a night to remember and not to be missed!

Dress: Smart casual. Tickets are \$95 per registrant/partner and should be ordered on the registration form. A discounted rate of \$65 is available for student registrants only and does not extend to partners.

STUDENT TRAVEL AWARDS FOR ANS & AuPS

Deadline for Application is Monday, 26 October 2009

Please see: <http://www.sallyjayconferences.com.au/sydney2010/student.html> for full details.

ABSTRACT SUBMISSION

Deadline Monday, 26 October 2009

Abstracts cannot be accepted without prior registration and payment of registration fees.

The Australian Neuroscience Society & Australian Physiological Society Councils require that all abstracts be submitted online. Please visit:

<http://www.sallyjayconferences.com.au/sydney2010/abstracts.html>

for instructions.

Abstracts sent as attachments will not be accepted.

All abstracts will be available for perusal on the ANS/AuPS 2010 conference website in early January.

PLENARY LECTURES

ANS/AuPS Overseas Lecture: Gilles Laurent

Director, Max-Planck-Institute for Brain Research, Frankfurt/Main, Germany

Gilles Laurent spent the first 11 years of his life in Morocco, before moving to France, where he studied veterinary medicine and neuroethology (Toulouse). He was rescued from a large-animal vet practice by Malcolm Burrows, who offered him a postdoc in his lab in 1985. Gilles spent the next four-and-a-half years in Cambridge and learned neuroscience from Malcolm Burrows, Simon Laughlin and Roger Hardie who were his neighbors. In 1990, Gilles moved to the California Institute of Technology and remained on its faculty until 2009. In August 2009, Gilles will move to the Max-Planck-Institute for Brain Research in Frankfurt, where Erin Schuman, Peter Mombaerts and he will be co-directors of a new Institute focused on neural circuits. Gilles' research interests are in neural coding and network architecture. He is particularly interested in dynamics and the emergent properties of systems. His lab has worked principally on olfactory coding over the past 15 years, with occasional forays into vision and motor control.



The Physiological Society (UK) Exchange Lecture: David Attwell **Jodrell Professor of Physiology, Department of Physiology, University College London**

David Attwell did an undergraduate degree in physics and a PhD in neurophysiology with Julian Jack in Oxford, followed by post-doctoral work on the retina with Frank Werblin in Berkeley, before joining the Physiology Department at University College London. He has worked extensively on neuron-glia interactions in the brain, particularly on how, in conditions of energy deprivation such as stroke, perinatal asphyxia and spinal cord injury, glutamate transporters reverse and release glutamate, which damages neurons and oligodendrocytes. His recent work has been on the energy supply and energy use of the brain, how energy provision determines the computational power of neurons, and the consequences of a loss of energy supply in pathological conditions. Specific recent findings include the discovery of a type of oligodendrocyte precursor glial cell which fires action potentials, and showing that brain blood flow can be controlled at the capillary level by contractile cells called pericytes. He was made a Fellow of the Royal Society in 2001.



ANS Plenary Lecture: Herbert Herzog

Professor and Director, Neuroscience Program, Garvan Institute of Medical Research, Sydney

Herbert Herzog is a Principal Research Fellow of the NHMRC and Director of the Neuroscience Program at the Garvan Institute of Medical Research. He received his PhD in Biochemistry from the University of Innsbruck and was awarded the prestigious 'Erwin Schrödinger Postdoctoral Fellowship' in 1991 to move to the Garvan. In 1996 he obtained his 'Habilitation' (Doctor of Science) from the Free University of Berlin. In 2000 he received a Wellcome Trust Fellowship to work as a Visiting Professor at King's College, London and in 2005 he was appointed Director of the Neuroscience Program at the Garvan Institute. Dr Herzog has received a number of awards during his career, including plenary lectures at International Congresses, and most recently the Victor Mutt Award from the Regulatory Peptide Society in 2009. The major areas of Dr Herzog's research interest are neuropeptides and their receptors, particular NPY receptors, and their actions on appetite control and regulation of energy homeostasis. Dr Herzog has published more than 150 papers in leading biomedical journals, including Nature, Nature Medicine, Journal of Clinical Investigation, Genes & Development, Cell Metabolism, J. Exp. Medicine, Proc Natl Acad Sci USA, Diabetes, Journal of Biological Chemistry and FASEB Journal, as well as several book chapters. His contributions include the first cloning of a NPY receptor and characterising its role in appetite control as well as demonstrating novel critical functions of NPY signalling in the central control of bone formation, fertility and stress induced obesity.



AuPS Invited Lecture: David J. Adams

Professor and Director, Health Innovations Research Institute, RMIT University, Melbourne

David Adams was awarded BSc (Hons I) in 1974 and PhD in physiology under the supervision of Peter Gage from UNSW in 1979. He received his postdoctoral training with Bertil Hille at the University of Washington, Seattle (1978-1980) and with David Colquhoun at University College London (1981-1983). He was appointed as Assistant Professor at the University of Miami School of Medicine, Miami, FL in 1984, promoted to Professor in 1993 before returning to Australia in 1995 to take up the Chair of Physiology at the University of Queensland. He was Head of Department of Physiology & Pharmacology (1998-2000) and Head of the School of Biomedical Sciences (2000-2007) before joining the Queensland Brain Institute as a Professorial Research Fellow. In mid-2009, he moved to RMIT University, Melbourne as Director of the Health Innovations Research Institute. Professor Adams' research interests are in the expression, function and modulation of ion channels. His recent research has identified novel peptides obtained from the venom of cone snails as probes for ion channel structure and function and as potential analgesics. He is currently President of the Australian Physiological Society (AuPS).



PRESIDENTIAL SYMPOSIUM

THE PRESIDENTIAL SYMPOSIUM

Chairs: ANS President, David Vaney and AuPS President, David J. Adams

The Presidential Symposium will feature talks by four outstanding postdoctoral scientists who have recently received either the AW Campbell Award of ANS or the AK McIntyre Prize of AuPS:

Paul Lockhart, Murdoch Childrens Research Institute (2008 AW Campbell Award)

Michael Piper, Queensland Brain Institute (2009 AW Campbell Award)

Paul Gregorevic (2006 AK McIntyre Prize)

Renae Ryan (nominated for 2009 AK McIntyre Prize)

SYMPOSIA

IBRO/ANS SYMPOSIUM

Current neuroscience research across the Asia-Pacific region

Chair: Elspeth McLachlan, Prince of Wales Medical Research Institute. (e.mclachlan@unsw.edu.au)

Shubha Tole, Tata Institute of Fundamental Research, Mumbai, India

Creating the Cortex and the Hippocampal Organizer

Zhen-ge Luo, Institute of Neuroscience, Shanghai, China

Non-apoptotic role of caspase-3 in synapse refinement

Anthony Hannan, Florey Neuroscience Institutes, Australia

Gene-environment interactions mediating experience-dependent plasticity in the healthy and diseased brain

Jongkyeong Chung, Korea Advanced Institute of Science and Technology, Korea

Molecular mechanism of familial Parkinson's disease

Cathy Stinear, University of Auckland, New Zealand

Promoting plasticity and recovery after stroke

Kenji Doya, Okinawa Institute of Science and Technology, Japan

Neural mechanisms of reinforcement learning

Get moving - cell migration during development

Organiser: Julian Heng, Florey Institute, VIC

Chair: Seong-Seng Tan, Florey Institute, VIC

Laurent Nguyen, University of Liège, Belgium

Insight into the roles of *Elongator* in cerebral cortical neurogenesis

Quenten Schwartz, University of Adelaide, SA

Coordinating neural crest stem cell migration with cell specification

Julian Heng, Florey Institute, VIC

Master control of cortical neuron migration and maturation

Tim Thomas, Walter and Eliza Hall Institute, VIC

Activation of signal transduction pathways during neuronal migration and corticogenesis

Innovative microscopy; new approaches to fluorescence microscopy

Sponsored by Carl Zeiss Pty Ltd

Organisers & Chairs: David Allen and Sam Solomon, University of Sydney, NSW

(samuels@physiol.usyd.edu.au)

Katerina Gaus, University of New South Wales, NSW

Evading the diffraction limit; very high resolution fluorescence microscopy

Brad Launikonis, University of Queensland, QLD

Imaging T-tubular, SR and myoplasmic calcium with novel fluorescence methods

Othon Gervasio, Novartis, Australia

Assessing the mobility of lipid rafts with FRET and FRAP

Final speaker to be advised

Ion channel dynamics

Organiser & Chair: Jamie Vandenberg, Victor Chang Cardiac Research Institute, NSW

(j.vandenberg@victorchang.edu.au)

Eduardo Perozo, Institute of Molecular Pediatric Sciences, University of Chicago

Title to be advised

Jacqui Gulbis, Walter and Eliza Hall Institute of Medical Research, VIC

Title to be advised

Robert M. Graham, Victor Chang Cardiac Research Institute, NSW

Title to be advised

David Cook, University of Sydney, NSW

Title to be advised

Mechanisms underlying exocytosis and endocytosis: potential relevance to health and disease

Organisers: Damien Keating, Flinders University, SA (damien.keating@flinders.edu.au) and Jens Coorssen, University of Western Sydney, NSW

Chair: Phil Robinson, Children's Medical Research Institute, NSW

Corey Smith, Case Western Reserve University, Cleveland, OH USA.

Activity-dependent regulation of the fusion pore and mode of secretion from adrenal chromaffin cells.

Jens Coorssen, University of Western Sydney, NSW

An unbiased approach to identifying proteins critical to the mechanism of Ca^{2+} -triggered membrane fusion.

Damien Keating, Flinders University, SA

Identifying novel roles in cell communication for disease-related proteins.

Peter Thorn, University of Queensland, QLD

Endocytosis in secretory epithelial cells.

Structure and regulation of epithelial transporters

Organiser & Chair: Daniel Markovich, University of Queensland, QLD (D.markovich@uq.edu.au)

Ernest M. Wright, UCLA, Los Angeles, California, USA

Structure and regulation of the Na-Glucose Transporter SGLT2.

David James, Garvan Institute, NSW

Regulation of glucose transporter GLUT4 signalling

Stefan Broer, Australian National University, ACT

Structure and regulation of heterodimeric amino acid transporters

Paul Dawson, University of Queensland, QLD

Regulation and physiological function of sulfate transporters

From molecular motors to neurodegeneration

Organiser: Brett Garner, Prince of Wales Medical Research Institute, NSW (brett.garner@unsw.edu.au)

Co-Chairs: Brett Garner, Prince of Wales Medical Research Institute, NSW & James Vickers, University of Tasmania, TAS

Scott T. Brady, University of Illinois, Chicago, IL, USA

Regulation of fast axonal transport and neurodegeneration

Jurgen Goetz, Brain and Mind Research Institute, NSW

Molecular mechanism of impaired axonal transport in Alzheimer's disease models

Matthew Kiernan, Prince of Wales Medical Research Institute, NSW

Hyperexcitability, persistent Na^+ conductances and neurodegeneration in motor neurone disease

Tracey Dickson, University of Tasmania, TAS

Neurodegeneration in ALS and AD: which comes first, the axon or the soma?

Molecular mechanisms of neuronal growth and plasticity

Organisers: Helen Cooper, Queensland Brain Institute, QLD (h.cooper@uq.edu.au) and Jenny Gunnerson, Howard Florey Institute, VIC (jenny.gunnerson@florey.edu.au)

Chair: Helen Cooper, Queensland Brain Institute, QLD

Andrew Matus, Friedrich Miescher Institute, Basel, Switzerland

The actin cytoskeleton and synaptic plasticity

Jenny Gunnerson, Howard Florey Institute, VIC

Seizure-related gene 6 affects filopodial dynamics and dendritic arbor development

Christina Mitchell, Monash University, VIC

The inositol polyphosphate 5-phosphatase PIPP complexes with CRMP2 to regulate axon polarity and neurite outgrowth

Lisa Foa, University of Tasmania, TAS

Title to be advised.

Neurohardware: Restoring Brain Function with Bionics

Organisers: Brendan O'Brien, Australian National University, ACT (b.obrien@anu.edu.au) and John Morley, University of Western Sydney, NSW

Chair: Brendan O'Brien, Australian National University, ACT

John P. Donoghue, Brown University, Providence, Rhode Island.

Neural interface systems to restore movement in paralysis

John Morley, University of Western Sydney, NSW

Is a cortical visual prosthesis a viable option?

André van Schaik, University of Sydney, NSW

Analogue VLSI modelling of signal processing in the auditory pathway

Gregg Suanning, University of New South Wales, NSW

Vision prosthesis: where engineering meets neuroscience

Breaking the code: the theory of spikes & axons

Organiser: Dario Protti, University of Sydney, NSW (dariop@physiol.usyd.edu.au)

Chairs: Dario Protti, University of Sydney, NSW and Klaus Stiefel, Okinawa Institute of Science and Technology, Japan

G. Bard Ermentrout, University of Pittsburgh, USA

Viewing spiking neurons as oscillators and the valuable insights that can be gained from this approach

Greg Stuart, Australian National University, ACT

Experimental and theoretical studies on the properties of action potentials in cortical axons, focusing on action potential threshold

Geoff Goodhill, Queensland Brain Institute, QLD

How do axons, the structures which transmit spikes between neurons, find their way to their correct targets?

Klaus Stiefel, Okinawa Institute of Science and Technology, Japan

The effects neuromodulators have on spiking in cortical neurons, both from an experimental and theoretical perspective

Auditory Neuroscience - neuronal signaling in development, repair and innovation in bionics

Organiser & Chair: Gary Housley, University of New South Wales, NSW (g.housley@unsw.edu.au)

Edwin Rubel, University of Washington, USA

From plasticity to stability of brain circuitry: A lesson from studies of cell death and cell survival in the cochlear nucleus

Allen Ryan, University of California, San Diego, USA

Microfluidics and micropatterning for the in vitro evaluation of neurite targeting in the spiral ganglion

Rémy Pujol, INSERM and University of Montpellier, France

Protection of cochlear sensory cells and neurons: from molecular pharmacology to clinical treatments

Robert Shepherd, Bionic Ear Institute, University of Melbourne, VIC

Medical bionics in deafness: current and future developments

TRP and store-operated Ca²⁺ channels in health and disease

Organizer & Chair: Grigori Rychkov, University of Adelaide, SA

(grigori.rychkov@adelaide.edu.au)

Natalia Prevarskaya, University of Lille, France

The role of TRP channels in cancer development

Ashley Blackshaw, University of Adelaide, SA

TRP channels in mechanosensation and chemosensation in visceral afferents

David Allen, University of Sydney, NSW

The role of TRPC1 in muscular dystrophy

Greg Barritt, Flinders University, SA

The role of TRP channels in oxidative stress damage in liver

Gastrointestinal motility; neural or myogenic?

Organizers & Chairs: Marcello Costa, Flinders University, SA (marcello.costa@flinders.edu.au) and Joel Bornstein, University of Melbourne, VIC (j.bornstein@unimelb.edu.au)

Heather Young, University of Melbourne, VIC

Changes in the mechanisms controlling gut motility during development

Sean Ward, University of Nevada, Reno, USA

The role of interstitial cells in gastrointestinal motility

Nick Spencer, Flinders University, SA

Mechanism of colonic peristalsis: How does it work

Paul Bertrand, University of New South Wales, NSW

Integration of neural enteric processes

Pain, motoneurons and movement: unravelling the effects and mechanisms

Organizer & Chair: Paul Hodges, University of Queensland (p.hodges@uq.edu.au)

Barry Sessle, University of Toronto, Canada

Mechanisms of oral somatosensory and motor functions and their clinical correlates

Dario Farina, Aalborg University, Denmark

In-vivo decoding of the neural drive to muscles during pain

Kylie Tucker, University of Queensland

Alteration of motor unit recruitment during pain

Greg Murray, University of Sydney

Orofacial pain and jaw motor control

Energy expenditure and body weight - new views of an old vista

Organisers: Brian Oldfield & Iain Clarke, Monash University, VIC

(brian.oldfield@med.monash.edu.au and iain.clarke@med.monash.edu.au)

Chair: Iain Clarke, Monash University, VIC

Brian Oldfield, Monash University, VIC

Central neural control of brown adipose tissue – implications for therapeutic strategies

Bill Blessing, Flinders University, SA

Brown adipose tissue and variations in basal metabolic rate

Belinda Henry, Monash University, VIC

New insights into the regulation of energy expenditure in skeletal muscle

Gregory Cooney, Garvan Institute of Medical Research, NSW

Fat oxidation does not equate to energy expenditure in the fight against obesity

SATELLITE MEETINGS

Vision: from Photoreceptors to Behaviour

Friday, 29th January – Saturday, 30th January, 2010

Venue: Save Sight Institute, Sydney Eye Hospital

Web address: <http://www.physiol.usyd.edu.au/vision2010/>

Further information: Paul Martin (prmartin@unimelb.edu.au) or Colin Clifford (colinc@psych.usyd.edu.au)

Neuroscience of Fear and Anxiety

Saturday, 30th January, 2010

Venue: University of New South Wales

Web address: <http://fearsatellite.psy.unsw.edu.au/>

Further information: Gavan McNally (g.mcnally@unsw.edu.au)

7th Australasian Auditory Neuroscience Workshop

Saturday, 30th January, 2010

Venue: School of Medical Sciences Lecture Theatre, University of New South Wales

Web address: <http://medicallsciences.med.unsw.edu.au/SOMSWeb.nsf/page/2010+Satellite+Meetings>

Further information: Gary Housley (g.housley@unsw.edu.au)

Dementia, Ageing and Neurodegenerative DISEases Group (DANDIS)

Saturday, 30th January, 2010

Venue: Garvan Institute of Medical Research

Web address: *To be advised*

Further information: Cindy Kersaitis (C.Kersaitis@uws.edu.au)

Sensorimotor Control of Movement

Saturday, 30th January - Sunday, 31st January, 2010

Venue: Prince of Wales Medical Research Institute

Web address: www.powmri.edu.au/ans2010motorcontrol/

Further information: Simon Gandevia (S.Gandevia@unsw.edu.au)

Automated Neurite Tracing and Image Analysis for Neurobiology

Thursday, February 4th, 2010

Venue: Building E6B, Macquarie University Campus, North Ryde, NSW 2113

Web address: <http://www.cmis.csiro.au/iap/ia2010.htm>

Further information: Dadong Wang (Dadong.Wang@csiro.au)

THE AUSTRALIAN & NEW ZEALAND BRAIN BEE COMPETITION

The Australian and New Zealand Brain Bee (ANZBBC) National Final competitions will be held during the ANS/AuPS 2010 meeting at the Sydney Convention and Exhibition Centre. The ANZBBC is a competition for Year 10 high school students to learn about the brain and other parts of the nervous system. By downloading and studying resources from the Society for Neuroscience website, students begin to appreciate how research has made an impact in understanding brain structure and function and has driven treatments for neurological disease and mental illness. Thousands of students compete each year in the competition, which takes place over three rounds. Round One is an online multiple-choice test that is conducted under exam conditions in their own schools and is held during Brain Awareness Week. Round Two consists of the State and Regional Finals in all capital cities in Australia and New Zealand, and includes individual and team events, and allows host institutions to showcase their research facilities and further inspire the finalists into careers in neuroscience. The winners of each of these finals are coming to Sydney to compete for the National titles of either Australian or New Zealand Champion in Round Three of the competition. Both winners will represent their countries in the International Brain Bee final to be held in North America later in 2010. The brightest young minds in our countries are here to compete: you'll be amazed with their breadth of neuroscience knowledge (they'll certainly be able to answer questions that you can't) so come and cheer them on at the National Finals, to be held on Monday February 1st at 12 noon in the Sydney Convention Centre.

REGISTRATION INFORMATION

Registration Desk

The registration desk will be located in the Foyer of the Sydney Convention & Exhibition Centre for the duration of the conference. The desk will be open at the following times:

DAY	TIME
Sunday 31 January	16:30 - 19:00
Monday 1 February	07:30 - 18:00
Tuesday 2 February	08:00 - 17:30
Wednesday 3 February	08:00 - 17:00

Registration Fees (Please note that conference fees for all registrants are inclusive of the ANS and/or AuPS annual membership fee. If full members choose to pay subscription fees to both societies when registering, the higher fee should be selected.)

All fees are quoted in Australian dollars and include the Australian Goods and Services Tax (GST).

Please visit <http://www.sallyjayconferences.com.au/sydney2010/> to access online registration OR to download a hard copy of the registration form which can be completed and sent with your payment to the Conference Secretariat.

Fees	By 26/10/09	After 26/10/09	After 28.01.10 & ONSITE
Member (ANS <u>or</u> AuPS)	\$600.00	\$755.00	\$795.00
Member (ANS <u>and</u> AuPS)	\$705.00	\$860.00	\$900.00
Student (ANS <u>or</u> AuPS*)	\$350.00	\$455.00	\$475.00
Retired Member (ANS <u>or</u> AuPS)	\$350.00	\$455.00	\$475.00

*Note: Current AuPS Student Members will have the \$50 annual subscription component of this fee reimbursed directly by the AuPS.

Non Members are welcome to attend and automatically become members on payment of their registration fee.

Full, Student and Retired registration includes:

- All conference materials
- Coffee breaks
- Lunches on Monday and Tuesday
- Entry to the 2 hour Welcome Mixer on Sunday evening.
- Entry to Farewell Drinks on Wednesday afternoon.
- ANS or AuPS membership for 2010: \$104.50 for full members and \$55 for student members. (Higher fee for full members includes membership to both the ANS and AuPS)

Registration Payments

On-line registration and credit card payments (Visa and Mastercard only) may be made via the ANS/AuPS conference secure website: <http://www.sallyjayconferences.com.au/sydney2010/>

This is the preferred method of registration and payment. Those wishing to register by fax or mail may print the registration form from the website and forward this to the Conference Secretariat:

Sally Jay Conferences
ANS/AuPS 2010 Secretariat
PO Box 2331 KENT TOWN 5071 Australia
Fax: 08 8362 0038 Overseas: 61 8 8362 0038 E-mail: ans@sallyjayconferences.com.au

Acknowledgment

An automatic GST Tax Invoice will be sent if registering online. However, a written confirmation of registration/GST Tax Invoice will be posted to all registrants by the Secretariat on receipt of a completed registration form and payment (written confirmations will be posted in mid to late November). The form will be processed only if accompanied by full payment of fees.

Cancellation Policy

Cancellation must be advised in writing to the Secretariat. An administration fee of A\$100.00 will apply to cancellations received before 4 December 2009. No refunds will be made after that date but substitute registrants will be accepted. **Please note the ANS and/or AuPS membership component of the registration fee is non-refundable.**

If, for reasons beyond the control of the organisers, the conference is cancelled, registration fees will be refunded after deduction of expenses already incurred.

Privacy

Personal information, as defined under the national privacy legislation, The Privacy Amendment (Private Sector) Act 2001, will be treated in accordance with the National Privacy Principles and only shared with related or third parties in accordance with those principles.

Please complete the section of the registration form (either online or downloaded – please see: <http://www.sallyjayconferences.com.au/sydney2010/>).

GENERAL INFORMATION

Discount Airfares

The ANS/AuPS 2010 committee feels it is in the best interest of delegates to shop around for a bargain, as airfares vary so much.

Airport Transfers

A taxi fare between the Sydney Airport and the Sydney Convention Centre is approximately \$35 (depending on traffic). There is a shuttle service from the Sydney Kingsford Smith Airport that will drop you at the Sydney Convention Centre (or at your hotel if in the vicinity). The service is called "Kingsford Smith Transport" and buses are provided for all arrivals. Please ask the airport information desk for location of bus stops, as this can vary. Cost of ticket is \$12.00 per person. Please see details at: <http://www.kst.com.au/airport.php>

INFORMATION FOR INTERNATIONAL VISITORS

Passports and Visa

All non-Australian citizens must obtain a visa or travel authority before travelling to Australia. A visa is a stamp or label in a passport; a travel authority is an electronic record authorising travel into Australia. Every person travelling to Australia has a personal responsibility to obtain a visa for their stay in Australia. The ANS/AuPS 2010 organisers cannot take responsibility for obtaining visas. For information on the appropriate visa for your travel to Australia, or on entry into Australia, visit the Department of Immigration and Multicultural and Indigenous Affairs (DIMIA) website <http://www.immi.gov.au/index.htm> or contact the Australian Overseas Mission in your country, See <http://www.immi.gov.au/contacts/overseas/index.htm> for your closest Australian visa office.

Travel and Arrival

It is strongly recommended that international visitors from Europe and America allow at least one day in which to adjust to the time difference. Travellers crossing the Pacific will lose one day when crossing the International Date Line.

Medical and Travel Insurance

It is strongly recommended that international visitors seek advice and take out appropriate travel insurance and medical cover. Overseas visitors are required to pay in full all medical expenses incurred while in Australia. The conference organisers accept no responsibility for any participant failing to arrange their own insurance.

Weather

The average January temperature in Sydney is a warm 26.5 deg C.

For more information, including weather forecasts, please visit Australian Bureau of Meteorology (New South Wales) <http://www.bom.gov.au/weather/nsw/>

Tour Information

For further information about tours in New South Wales, please visit <http://www.visitnsw.com.au/>

ACCOMMODATION INFORMATION

HOTEL CHECK IN TIME: 2.00 pm, HOTEL CHECK OUT TIME: 10.00 am

Accommodation Options: The conference secretariat has secured blocks of accommodation with each hotel/apartment block below and requests that all bookings and enquiries regarding accommodation be made directly with the Conference Secretariat and not with the hotels/apartments. The deadline for guaranteed hotel reservations through the Conference Secretariat is 7 December 2009. Bookings after this date will be subject to room availability.

A deposit of one night's accommodation is required to secure the reservation. This deposit will be forwarded to the hotel and will be deducted from the final account. A tax invoice will be issued by the hotel. Guests are responsible for paying the balance to the hotel on departure.

Failure to arrive on the date specified will incur forfeiture of deposit. Final dates must be advised at least 30 days out from your arrival date – otherwise cancellation fees may apply to all nights that are cancelled. This policy varies from hotel to hotel.

HOTEL	RATING	ROOM PER NIGHT (\$A)
<u>Novotel Darling Harbour</u> 100 Murray Street DARLING HARBOUR NSW 2000 2 Minute walk from Convention Centre	4.5 star	\$239 Harbour View (single/twin/double/family) \$209 Pyrmont View (single/twin/double/family) Extra person (rollaway bed) only allowed in single/double rooms \$65
Twin rooms and Family rooms contain 2 double beds. Same rate applies for family (i.e. family rooms can only comprise of 2 adults and 1 or 2 children under 16 years of age, so long as no extra bedding is required). Single and Double rooms contain a queen bed. Rollaway beds are not allowed in twin rooms.		
<u>Grand Mercure Apartments</u> 50 Murray Street DARLING HARBOUR NSW 2000 3 Minute walk from Convention Centre	4.5 star	\$295 (Two bedroom apartment) Extra person (Rollaway bed) \$65
These luxurious apartments have a separate spacious lounge room, a fully equipped kitchen, laundry and two bathrooms. The main bedroom has a king bed (which can be unzipped to be 2 single beds upon request only) and the second bedroom has two x single beds (for 1-4 persons using existing bedding). Extra person (making a maximum of 5 persons in the 2 bedroom apartments) is \$65 per night on a Rollaway bed.		
<u>Somerset Darling Harbour</u> 252 Sussex Street DARLING HARBOUR NSW 2000 5 Minute walk from Convention Centre	4.5 star	\$159 (One bedroom apartment) Extra person (fold out sofa or portable bed \$50)
One bedroom apartments. Separate spacious lounge room. Bedroom comprises queen bed or 2 x single beds. Maximum of 3 persons. Rate of \$159 is for 2 persons using existing bedding.		
<u>Metro Hotel on Pitt</u> 300 Pitt Street SYDNEY NSW 2000 10 Minute walk from Convention Centre	4 star	\$145 (Standard Single/Double/Twin) \$155 (Superior Single/Double/Twin) Extra person (rollaway bed) \$50 Twin room has 2 single beds Single/Double room has queen bed
<u>Metro Hotel Sydney Central</u> 431 – 439 Pitt Street SYDNEY NSW 2000 15 Minute walk from Convention Centre	3.5 star	\$135 (Standard Single/Double/Twin) \$145 (Superior Single/Double/Twin) \$185 (Superior Triple) Twin room has 2 single beds. Standard Single/Double room has double bed Superior Single/Double room has queen or double bed Superior Triple room has 3 single beds
<u>Aspire Hotel Ultimo</u> 383-389 Bulwara Road ULTIMO NSW 2007 10 Minute walk from Convention Centre	3.5 star	\$130 (Standard Single/Double/Twin) \$175 (Standard Triple) Twin room has 1 queen + 1 single bed Single/Double room has queen bed Triple room has 1 queen + 2 single beds
One child under the age of 12 years of age can stay free of charge with parents in a twin room.		
<u>Ibis Sydney on Darling Harbour</u> 70 Murray Street DARLING HARBOUR NSW 2000 4 Minute walk from Convention Centre	3.5 star	\$139 (Single/Double/Twin) Twin room has 2 single beds Single/Double room has queen bed Maximum of 2 persons
<u>Ibis Sydney King Street Wharf</u> 22 Shelley Street SYDNEY NSW 2000 15 Minute walk from Convention Centre	3.5 star	\$125 (Single/Double) Single/Double room has queen bed Twin room (2 beds) is not available Maximum of 2 persons

Breakfast

Breakfast is not included in any of the tariffs above.

Budget Accommodation

Backpacker style accommodation should be booked direct (not through the secretariat). The "YHA Australia" (Australian Backpacker and Youth Hostel Accommodation and Travel) can be found at <http://www.yha.com.au/>

Room Sharing with Colleagues that you have Organised Yourself

Organising your own room sharing is a good way to keep accommodation costs down. In most of the venues, triple sharing is offered for a minimal extra cost. Please note that the secretariat will not organise sharepersons on your behalf.