

asor news

Jan/ Feb/ Mar 2009

The AUSTRALIAN SOCIETY for OPERATIONS RESEARCH Inc.
MELBOURNE CHAPTER

GPO Box 1048, Melbourne, Vic 3001

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ASOR (Melb Chapter) AGM

and to follow:

Stroke Chain of Survival and Recovery - The scope for "The Science of Better" to do much better!

AGM to start at 5:30pm.

Speaker : A/Prof Leonid Churilov, National Stroke Research Institute and the Dept of Maths and Stats, Univ of Melbourne

Date : 18th March 2009,

Location: ICT Building, 111 Barry Street Carlton.

Time: 6.00pm.

Abstract: Stroke is responsible for 9%-14% of all deaths around the world and is one of the two most common causes of death. In Australia, approximately 50,000 people suffer a stroke each year and it is estimated that over 250,000 people live with the consequences of stroke, many surviving with permanent disability. The direct and indirect lifetime costs of first-ever strokes amount to approximately \$2.1 billion per annum. In adults, with every decade of life, the risk of stroke doubles and due to the ageing of population, the burden of stroke is anticipated to increase significantly.

There have been many recent advances in treatments for patients with acute stroke that have improved

survival and reduced disability. Rapid diagnosis and management of stroke provides the best opportunity for clinicians to intervene early when combined with coordinated multidisciplinary stroke care and includes stroke rehabilitation. Stroke Chain of Survival (American Heart Association) captures the value-adding nature of stroke care and includes the following key value-adding steps: detection (recognizing the onset of signs and symptoms); dispatch (calling ambulance and having emergency medical services dispatched immediately); delivery (transporting patient to hospital with assessment and care); triage (immediate emergency department triage); data gathering (prompt laboratory and diagnostic imaging studies); decision (diagnosis and decision about appropriate therapy); treatment (administration of appropriate drugs and other acute care intervention); and rehabilitation (maximum feasible restoring of functional status).

Stroke Chain of Survival provides a virtually boundless scope for an integrated clinical, experimental, and decision making research effort in order to improve the outcomes for stroke victims. In this presentation we discuss how Decision Sciences can effectively contribute to this effort, using the activities of the Division of Statistics and Decision Support of the National Stroke Research Institute as an illustration. We argue that the major challenge facing Decision Sciences in this context is not necessarily in developing new or more sophisticated techniques, but in using currently available techniques in appropriate and persistent way to make much more of an impact on the delivery of stroke care.

From the Editor

Most importantly, remember to put the ASOR AGM into your diaries. And then, of course, attend and let your voice be heard.

Subscriptions are now due.

Note the call for nominations for the ASOR Ren Potts and New Researcher Encouragement medals. Details for these and all major ASOR events can be found at <http://www.asor.org.au/page.php?page=1> .

Harry

Call for ASOR Medal Nominations

The Ren Potts award of the Australian Society for Operations Research

The Ren Potts award of the Australian Society for Operations research is intended to recognise individuals who have made outstanding contributions to theory or practice of OR in Australia. It is a national award restricted to Australian residents only.

ASOR New Researcher Encouragement Medal – 2009

At a recent meeting held on October 17, 2008, the ASOR National Council established an encouragement medal for new researchers who have completed a research degree at Master or PhD level in OR or in a related field with significant contribution to the advancement of OR from any Australian university. Normally candidates will be considered who completed all requirements for their degree between the two consecutive ASOR National conferences. Since this award is offered for the first time, all candidates who have completed their degree requirements after August 2005 are considered eligible to enter this competition.

Further information, including detailed award criteria, can be found at <http://www.asor.org.au/award/page.php?page=1>

For both awards, nominations should be sent to Andrew.Higgins@csiro.au by May 31, 2009.

Awards will be conferred at a special ceremony to be held during the National conference, taking place on the Gold Coast, between September 27-30, 2009.

What Else is On

Victorian Statisticians

The Statistics Society of Australia (in Victoria), typically has meetings on every 3rd Tuesday of the Month starting in March 2009. Currently no meetings have been planned.

For latest information check at:

<http://www.statsoc.org.au/vic-branch-meetings.htm>

The AOQ (Vic)

The Australian Organisation for Quality typically has forums on the 3rd Thursday of each month.

The next forum will take place on Thursday, 19th March 2009, when Sia Evans, Computershare Communication Services, will discuss:

Adapting After a Disaster.

Brief Abstract: “Given a disaster has occurred we need to react, adapt and move on. To do this in a quick and efficient manner we need to be prepared. We need a response, and this response needs to include six basic yet critical steps, these steps come together in one plan – the *Business Continuity Plan*, including all stages of a disaster from anticipating what can happen to getting back to normal after the event.”

For further information see – <http://www.aoqvic.org.au>

Conferences

Don't forget the IFORS 2011 conference in Melbourne – details will be posted soon.

The 20th National Conference of Australian Society for Operations Research

Making the Future better by Operations Research

27 - 30 September 2009
Holiday Inn, Surfers Paradise

Important Dates

Deadline for Abstracts- 13 April, 2009
Notification of Acceptance -27 April, 2009
Final Submissions: 27 July, 2009
Early Registration 27 July, 2009

Further information at:

<http://www.asor.org.au/conf2009/index.php?page=1>

Web Pages of Interest

We are affiliated with FASTS through AMSC
To keep abreast of FASTS activities
consult : [http:// www.usyd.edu.au/fast/](http://www.usyd.edu.au/fast/)

ASOR National: <http://www.asor.org.au/>
Melbourne Chapter

<http://www.asor.ms.unimelb.edu.au/melbourne>

The new website for ASOR - Sydney is:

<http://www.asor-sydney.asn.au/>

NZ OR Society <http://www.orsnz.org.nz/>

ORS (UK): <http://www.orsoc.org.uk/>

INFORMS (US): <http://www.informs.org/>

IFORS: <http://www.ifors.org>

For the latest International news, conference and
jobs details see:

<http://www.ifors.org/panorama/index.html>

tutOR: <http://www.tutor.ms.unimelb.edu.au>

CSIRO's Double Helix Club <http://www.csiro.au/>

The electronic version of the ASOR Bulletin Dec
2008 issue is now available for download at the
following URL:

<http://www.asor.org.au/publication/page.php?page=1>

Committee Membership for 2008/9

Chair – Patrick Tobin 9953 3199
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Secretary - Kaye Marion 9925 3162
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