

## ASOR News — March 2013

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### 2013 Annual General Meeting

**The 2013 Annual General Meeting of the ASOR Melbourne chapter will be held on 17 April 2013.**

The AGM will be followed at 6pm by our monthly ASOR Melbourne seminar.

Watch the ASOR mailing list for information on the starting time of the AGM, as well as information on how to be nominated for a committee position.

Members are strongly encouraged to take the plunge and be nominated for the ASOR Melbourne committee!

### Membership

ASOR membership forms have been sent out, and we kindly request that if you have not done so already, that you spend a few minutes completing your re-subscription for 2013.

### Andreas Ernst's Tutorial Seminar

The second ASOR Melbourne seminar of the year was presented by Andreas Ernst from CSIRO, and

was a tutorial on Lagrangian relaxation. Andreas took us through some of the theory and practice of using Lagrangian relaxation to help solve large integer programming problems. The seminar was well attended, but unfortunately making AGR links to UNSW and Newcastle work was beyond our meagre abilities. Andreas will hopefully be able to give the tutorial in person in NSW at a later date.

### Upcoming OR Seminars

#### ASOR Melbourne Series

**Wednesday 27 March, 6pm**, RMIT Room 8.9.66 and other sites by Access Grid: David Sier, *Optimising Hospital Patient Flows*.

The following month's seminar, on Wednesday 20 April, 6pm, will be preceded by the **ASOR Melbourne AGM**.

**Hosted by NICTA ORG, Canberra.**

**Friday 8 March, 12pm-1pm.** *Planning and Acting for Territory-Wide People-Centric Services*, Paolo Traverso, NICTA visitor. In Melbourne, people can remote connect from the Brown Theatre, Electrical Engineering, University of Melbourne, or join by web browser at <http://vmc.aarnet.edu.au/>. For more details, go to [www.or.ms.unimelb.edu.au](http://www.or.ms.unimelb.edu.au).

### LAA Breakfast Seminar

An upcoming Logistics Association of Australia (LAA) breakfast seminar on 28 March holds potential strong interest for OR people.

*Innovation in Supply Chain and Logistics - tips from a practitioner.* Peter Carney, Aurecon.

"Innovation is the word on the lips of many in logistics. And in the fast changing world of supply chain and logistics the challenge to innovate is real. Increasing customer demands, short product life cycles, the advent of the internet, myriad new technologies and relentless cost pressures place significant demands on the supply chain function.

Being innovative helps, but how do organisations achieve this?

With a multi-disciplinary background in geology, computer science, finance and marketing Peter led the Supply Chain and Logistics Consulting group for ten years for one of Australia's major manufacturers, BlueScope Steel. In that time Peter's group implemented a broad range of improvements and considered a wide number of technologies for logistics.

In this talk, the secret formula for innovation will not be revealed - there isn't one - but Peter will share some observations about achieving improvements and some of the enabling conditions that made them possible."

**Time:** 7.15am for 7.30am

**Location:** RACV Club, Level 2, 501 Bourke Street, Melbourne

**Cost** (GST inclusive): LAA & APICS Members \$55 - Non members \$75

Contact: LAA Ltd on 1300 651 911 or 02 9635 3422, or visit [http://members.laa.asn.au/MBR/Register\\_for\\_an\\_event/Core/Events/Events.aspx](http://members.laa.asn.au/MBR/Register_for_an_event/Core/Events/Events.aspx)

## ASOR 2013 Conference

The 22nd National Conference of the Australian Operations Research Society (ASOR 2013) will be held at the Adelaide Convention Centre in Adelaide, South Australia, from Sunday 1 to Friday 6 December 2013. ASOR 2013 will be run in conjunction with the 20th International Congress on Modelling and Simulation (MODSIM 2013) and DORS (the DSTO led Defence Operations Research Symposium). Papers can be submitted through the MODSIM Operations Research stream led by ASOR President Dr Paul Gaertner.

Abstracts are due by April 8 2013. Visit <http://www.mssanz.org.au/modsim2013>.

## Support for Visiting Researchers

Have you got an interstate or international visitor? ASOR Melbourne has committed funds to assist with the costs of visits, in exchange for visitors giving a seminar for the members. Contact your favourite committee member to discuss the opportunities.

## OR Employment Opportunities

### Postdoctoral position with CSIRO Ecosystem Sciences

An opportunity exists within CSIRO Urban Systems Program for a three-year Postdoctoral Fellowship to investigate and develop simulation models for projecting hourly electricity demand from residential and commercial buildings, across spatial scales from individual buildings up to precinct level. You will play a role in understanding physics-based building energy and occupant behaviour models, and developing systems simulations of different future scenarios, identifying options and pathways of urban functions and services related to electricity and energy infrastructure.

**Location:** Melbourne Bayside & South Eastern Suburbs

**Salary:** \$75K - \$85K p.a. plus up to 15.4% superannuation

**Work type:** Modelling and Simulation

**Tenure:** 3 Year Specified Term

**Reference:** VIC13/00027

For further information and to apply online please visit CSIRO website at CSIRO CAREERS, choose "Positions Vacant" then "Job Search" and insert Reference Number VIC13/00027 where indicated. Applications Close: 11 March 2013

## Summary of OR workshops and conferences in Australia

**Workshop on Data-Driven Decision Guidance and Support Systems (DGSS)**, to be held as part of the 28th IEEE International Conference on Data Engineering (ICDE 2012) in Brisbane, Australia, on April 8-12, 2013. <http://dgss.vse.gmu.edu/index.html>

**AMSI Workshop on Mathematics of Transportation Networks** on 19-21 June 2013 brings together researchers and stakeholders from government and industry to discuss the application of mathematics to the design and operation of transportation networks. Visit <http://users.monash.edu.au/~mpetn/> for more information.

**MODSIM 2013 / ASOR 2013.** Adelaide Convention Centre, December 1-6, 2013. The Theme of the conference is Adapting to Change: the multiple roles of modelling. MODSIM 2013 incorporates the 2013 ASOR Conference.  
<http://mssanz.org.au/modsim2013>

The 4<sup>th</sup> **Freight Logistics Optimisation Workshop (FLOW)**, on 9 December 2013, is a one-day course introducing optimisation to logistics practitioners in industry. Holiday Inn, Flinders Lane, City. FLOW is a joint initiative of CSIRO, ASOR and the Logistics Association of Australia.

## Web Pages of Interest

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

ASOR National: [www.asor.org.au](http://www.asor.org.au)

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

Optimisation in Melbourne:  
<http://www.or.ms.unimelb.edu.au/>

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>

## Committee Membership for 2012-2013

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