

# **AUSTRALIAN ACADEMY OF SCIENCE**

## **National Committees for Science: ANNUAL REPORT TO COUNCIL on 2008 activities**

### **NATIONAL COMMITTEE FOR: Crystallography**

**CHAIR: Jenny Martin**

PERIOD COVERED IN THIS REPORT: 1 January - 31 December, 2008

**Please complete and return this form by 12 December 2008.**

NOTE: This report will be published on the Academy of Science website at  
[www.science.org.au/natcoms](http://www.science.org.au/natcoms)

### **MEETINGS OF THE NATIONAL COMMITTEE**

THE NATIONAL COMMITTEE MET ON:

Wednesday 27 August during the International Union of Crystallography Congress in Osaka.

THE FOLLOWING MEETINGS ARE PROPOSED FOR 2009 (include date and place, if possible):

NCCr intends to meet during the SCANZ conference to be held in Adelaide April 14-17 2009

### **MEETINGS OF INTERNATIONAL ORGANISATIONS AFFILIATED WITH ICSU**

IN 2008 THERE WAS A GENERAL ASSEMBLY OF (include date and place): the  
International Union of Crystallography in Osaka Japan (August 23-31 2009)

IN 2009 THERE WILL BE A GENERAL ASSEMBLY OF (include date and place):

The next GENERAL ASSEMBLY/CONGRESS will be held in 2011

I RECOMMEND TO COUNCIL THE FOLLOWING VOTING AUSTRALIAN  
DELEGATION: (include title, name, address, telephone, email and fax number)  
To be decided in 2010

## AUSTRALIAN OFFICE HOLDERS IN ICSU AND AFFILIATED BODIES

AUSTRALIANS WHO HELD OFFICE IN 2008 WERE:

(include all appointed/elected memberships of subsidiary bodies, standing committees, commissions etc. as well as appointments to Bureau/Executive positions in the governing body).

PERSON	INTERNATIONAL BODY	POSITION	TERM OF OFFICE
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### Office bearers in IUCr Committees/Commissions

Executive Committee, Vice President

P. M. Colman

Commission on Biological Macromolecules

J. Martin

Commission on Charge, Spin and Momentum Densities

D. Jayatilaka

Commission on Crystallographic Computing

P. Turner

Commission on Crystallographic Teaching

S. Schmidt

Commission on Electron Crystallography

J. Etheridge

Commission on Journals

J.M. Guss

P.C. Healy

J.M. Newman

M.L. Scudder

M.A. Spackman

E.R.T. Tiekink

T.R. Welberry

S.W. Wilkins

Commission on Mathematical and Theoretical Crystallography

S. Hyde

Commission on Neutron Scattering

S.J. Kennedy

Commission on Powder Diffraction

I. Madsen

Commission on Small Angle Scattering

J. Trehella

Commission on Structural Chemistry

S. Batten

Commission on Synchrotron Radiation

R. Garrett

Commission on XAFS

C.T. Chantler

Crystallographic Computing

P. Turner

THE FOLLOWING NOMINATIONS WILL BE MADE IN 2009:

PERSON	INTERNATIONAL BODY	POSITION	TERM OF OFFICE
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New nominations will not be called till 2010

**ACTIVITIES OF NATIONAL COMMITTEE – Please include comments on progress achieved on projected activities identified in your 2008 Business Plan. 2008 Business plans can be viewed at [www.science.org.au/natcoms](http://www.science.org.au/natcoms)**

Go to <http://www.science.org.au/reports/2008anrep.htm>, to view the Chairs' Reports on 2007 activities.

I SUBMIT THE FOLLOWING REPORT TO COUNCIL ON THE ACTIVITIES OF THE NATIONAL COMMITTEE IN calendar year 2008 (200-250 words):

[Your Report, as presented here, will be published in April 2009, in the National Committees for Science section of the Academy's Annual Report for 2008-2009].

Australian scientists were well represented at the International Union of Crystallography (IUCr) Congress in Japan in August this year. Prof Jill Trehwella, Federation Fellow from the University of Sydney, presented a plenary lecture at the Congress. The Society for Crystallographers in Australia and New Zealand (SCANZ) held a social get-together at the Congress.

At the General Assembly of the Congress, NCCr supported India's bid to hold the 2014 Congress in Hyderabad. However the vote eventually went to Montreal, Canada. The crystallography community in India have indicated they will renominate at the next General Assembly for the 2017 Congress, and NCCr will continue to support their bid.

The 20th Australian Conference on Microscopy and Microanalysis and the 4th Congress of the International Union of Microbeam Analysis Societies were held in Perth from February 10 to 15 in 2008. The meetings were very well attended.

Professor Peter Colman (WEHI) has been elected Vice-President of the International Union of Crystallography (IUCr).

Four of the six Australian nominees approved by NCCr were elected as members of Commissions of the IUCr and eligible existing members were re-elected.

The OPAL decadal plan for neutron scattering beamlines continues to be developed, with NCCr members Rob Robinson, Keith Nugent and past Chair of NCCr, Peter Colman participating in this process.

NCCr members are planning a symposium in Adelaide in 2012 to commemorate the centenary of crystallography, a field of science established by Australian Nobel prize winners William and Lawrence Bragg.

**Please complete and return this form by 12 December 2008 to:**

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