

# **AUSTRALIAN ACADEMY OF SCIENCE**

## **National Committees for Science: ANNUAL REPORT TO COUNCIL on 2006 activities**

### **NATIONAL COMMITTEE FOR: Mechanical Sciences**

**CHAIR: Dr Francis Rose**

PERIOD COVERED IN THIS REPORT: 1 January - 31 December, 2006

**Please complete and return this form by 15 December 2006.**

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: September 21, and December 14

THE FOLLOWING MEETINGS ARE PROPOSED FOR 2007 (include date and place, if possible): Meetings in April and September

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

IN 2006 THERE WAS A GENERAL ASSEMBLY OF (include date and place):  
The International Union for Theoretical and Applied Mechanics, in Rhode Island, USA, in August 2006

IN 2007 THERE WILL BE A GENERAL ASSEMBLY OF (include date and place):  
The International Federation of Mechanism and Machine Theory (IFTOMM) in Besançon, FRANCE, June 17 – 21.

The next CONGRESS of IUTAM (ICTAM 2008) will be held in Adelaide in August 2008

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

IFTOMM General Assembly: A/Prof. P. R. McAree, School of Engineering, University of Queensland, Australia. Email: p.mcaree@uq.edu.au. Ph: +61 7 3365 3589. Fax: +61 7 3365 4799.

## AUSTRALIAN OFFICE HOLDERS IN ICSU AND AFFILIATED BODIES

AUSTRALIANS WHO HELD OFFICE IN 2006 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
Prof Ernie Tuck			
Prof. James Trevelyan	IFTOMM	Executive Council Member,	2008
A/Prof. Ross McAree	IFTOMM	Chair Member Organization for Australia,	2008

THE FOLLOWING NOMINATIONS WILL BE MADE IN 2007:

PERSON	INTERNATIONAL BODY	POSITION	TERM OF OFFICE
--------	--------------------	----------	----------------

**ACTIVITIES OF NATIONAL COMMITTEE – Please include comments on progress achieved on projected activities identified in your 2006 Business Plan. 2006 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/2006anrep.pdf> pp17-27, to view the Chairs' Reports on 2005 activities.

I SUBMIT THE FOLLOWING REPORT TO COUNCIL ON THE ACTIVITIES OF THE NATIONAL COMMITTEE IN calendar year 2006 (200-250 words):

A major focus for the committee continues to be the forthcoming International Congress on Theoretical and Applied Mechanics, ICTAM 2008, to be held in Adelaide in August 2008. This will provide a major opportunity to showcase Australian activities and achievements in mechanics and mechanical sciences. Accordingly, the committee is attempting to establish a directory of Australian workers in the mechanical sciences and a calendar of significant events. More effort will be required in 2007 to bring this understanding to fruition, and thereby to begin to provide a level of coordination and of national leadership in the field.

Inputs have been provided during 2006 to several national policy reviews, notably the Productivity Commission Review of Public Support for Science and Innovation. A committee member, Associate Professor Jim Denier, as well as Professor Ernie Tuck, represented Australia at a general assembly of the International Union for Theoretical and Applied Mechanics that was held in Rhode Island, USA, in August 2006. The meeting progressed the development of the technical program for ICTAM 2008, as well as discussing several issues that are of current international interest, such as providing support for mechanics in developing countries.