



# Australian Academy of Science

Ian Potter House, Gordon Street, Canberra 2601

## NATIONAL COMMITTEES FOR SCIENCE National Committee for Crystallography

### 2012 BUSINESS PLAN or WORK PLAN Including TIMELINES for up to 5 years

It is anticipated that this Plan would provide information on:

1. **Aims of this National Committee** The National Committee for Crystallography (NCCr) exists to focus the views of Australian crystallographers in connection with Australia's participation in the Asian Crystallographic Association, the International Union of Crystallography and, in Australia, to promote the disciplines associated with structure determination using diffraction methods. This promotion involves meetings, analyses, and reports to the Academy of Science for its advice to International bodies and the Commonwealth and State governments.
2. **Strategies to allow these aims to be achieved.** *Eg engaging to a greater extent with the secondary and / or tertiary education sectors; promoting the benefits of your discipline to the Australian community; strengthening relationships with scientific societies; contributing to policy development; facilitating international engagement by Australian scientists*

The NCCr works closely with the professional body for crystallographers in Australia and New Zealand – the Society of Crystallographers in Australia and New Zealand (SCANZ). The membership of the two organisations intersects. The NCCr includes representatives from the electron diffraction and microscopy community as well as major government scientific agencies participating in structural work. Australia's participation in the International crystallographic community is through, *inter alia*, the Asian Crystallography Association and the International Union for Crystallography. The NCCr facilitates Australia's engagement with the international community through nominations to positions on committees of the IUCr. NCCr members have also contributed to policy development on major national issues including the Australian Synchrotron, the OPAL reactor and NCRIS.

3. **Plan of work/activities for up to 5 years including timelines** In 2012 we plan two NCCr meetings, one in February to enable a smooth handover to the new committee and one in December at the Bragg symposium and joint ASCA/SCANZ meeting in Adelaide. Over the next 5 years the NCCr plan of work/activities in addition to those described above are: (i) the 2012 international commemorative symposium to celebrate the centenary of Lawrence Bragg's landmark publication on X-ray structure determination. Lawrence Bragg is Australia's first Nobel prize winner, and remains the youngest ever winner at the age of 25. The Bragg symposium will be held in Adelaide, jointly with the Asian Crystallographic Association meeting and the meeting of the Society of Crystallographers in



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Australia and New Zealand. The organizing committee consists of Professor Steve Wilkins (member of NCCr), Professor Jose Varghese (member of NCCr and President of the Society of Crystallographers in Australia and New Zealand), Dr Rob Robinson (Member of NCCr), Professor Peter Colman (past Chair of NCCr), A/Prof John Jenkin (La Trobe, University) and Professor John Carver (University of Adelaide). (ii) Several events throughout the 2012-2015 period are proposed to highlight the impact of crystallography on the world around us. Our International body, the International Union of Crystallography is proposing an International Year of Crystallography (IYC) in 2013, in line with these worldwide celebrations. If this is approved by the United Nations General Assembly, NCCr proposes to highlight the IYCr throughout Australia. Finally, the Nobel prize was awarded to Lawrence Bragg and his father in 1915, so 2015 is the centenary of Australia's first Nobel prize. NCCr successfully lobbied for a postage stamp of Bragg to be released in 2012 and we are considering lobbying for a commemorative coin or note in 2015. (iii), NCCr will continue to support current initiatives aimed at expanding the range of beamlines and capabilities at the Australian Synchrotron. It also supports initiatives aimed at providing long-term funding for the Australian Synchrotron and enhancing its role as a national facility.

#### 4. Proposed budget details (Please use the attached spreadsheet)

*Note each National Committee is allocated:*

- \$3,000 per annum to support committee meetings.
- Up to \$2,500 each for up to three approved voting delegates, upon presentation of a report and receipts/invoices, for attendance at the triennial/quadrennial General Assembly meetings of the corresponding International Union.

#### **National Committee Initiatives fund**

*Committees can also apply for additional funding of up to \$10,000 for projects. Please use the attached spreadsheet, and complete the "National Committee Initiatives Additional information for larger projects" form for projects seeking \$5,000 or more.*

Our proposed budget is attached

*Progress against these identified Work Plan activities will be reported on in the Chairs' annual reports to the Academy. Work Plans for 2011 can be viewed at [www.science.org.au/natcoms](http://www.science.org.au/natcoms)*

**Note:** This plan will be published on the National Committee page of the Academy of Science website [www.science.org.au/natcoms](http://www.science.org.au/natcoms).