

KEY PERFORMANCE INDICATORS (KPI)

We believe that the performance of the Centre can be judged by the quality and the quantity of our research results and the impact we have on the research community and the wider public.

The Centre gave us the opportunity to start several ambitious programs and some of them — particularly those involving the construction of complex experimental facilities — will require two years before we have first results. At the same time we are already producing many impressive results, which are described in the Science section (pages 8-26) of this report.

We have well exceeded our goals in regard to the number of visitors who came to Australia to see our work and the number of invitations we received to address international conferences. For 2003 we have exceeded the projected KPIs with 25 publications,

including two advanced textbooks. Amongst these are 5 publications (or 20%) with particularly high impact factor in Science and Phys. Rev. Letters. Interaction with the partner institutions is intensifying and we expect to see longer and more intensive exchanges of students and staff internationally and within the Centre.

At the same time, we have maintained a widespread teaching program at all three Universities, with a total of 18 undergraduate courses and presented our ideas, goals to a wide section of the Australian Physics community. For the future we see an even more intensive Outreach program.

AWARDS RECEIVED

Throughout the year members of the Centre were rewarded with a number of distinction which indicate the high profile of our staff.

Prof Hans Bachor

Dr Ken Baldwin

Mr Warwick Bowen

Prof Peter Drummond

Mr Tom Hanna

Dr Joseph Hope

Prof Yuri Kivshar

A/Prof Ping Koy Lam and Mr Warwick Bowen

Dr Elena Ostrovskaya

Mr Nick Robins

Mr Nick Robins and Mr Warwick Bowen

Dr Andrew Truscott

Federation Fellowship

Finalist, Eureka Prize for the Promotion of Science

Australian Postdoctoral Fellow 04

Elected to the Australian Academy of Science

Monash fellowship to study in Oxford for 3 years

AAS Prize in the Campus Review Dialogica Awards

Finalist, Bulletin Top 100, IBM science category

Eureka Prize for Inspirational Science

Australian Postdoctoral Fellow 03 (level B)

Australian Postdoctoral Fellow 04

Australian Academy of Science International Travel Award for Young Scientist

Australian Research Fellow 03 (level C) and AAS Early Career research award

Key Result Area	Performance Measure	Target	Outcome
Research Findings	Quality of publications International Ref. Journals with an impact factor >5	4/25	5/25
	Number of publications/year	20	26
	Number of patents/year	0.3	Provisional 1
	Number of invitations to address and participate in international Conferences/year	4	11
	National and international/Commentaries in professional journals year	3	2
Research Training and Professional Education Number of postgraduates	Recruited/year	5	7
	Number of postgraduates Completions/year	4	4
	Number of Honours students/year	5	4
	Number of professional courses to Train non Centre personnel/year	2	5
	Number and level of undergraduate And high school courses in the Priority area/year	7	18
International, National and Regional Links and Network	Number of International visitors/year	10	38
	Number of national and international Workshops/year	1 international 1 national	1 1
	Number of visits to overseas Laboratories	18	26
	End-user Links Number and nature of commercialisation Activities	2	1
	Number of government, industry and Business briefings/year	2	2
	Number of Centre associates trained In technology transfer and Commercialisation	2	2
	Number and nature of Public Awareness programs	4	4