

## KEY PERFORMANCE INDICATORS (KPI)

We believe that the performance of the Centre can be judged by both 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 the first results. At the same time we are already producing many impressive outcomes, which are described in the Science section (pages 7–29) of this report.

We have 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 2004 we have exceeded the projected KPIs with 30 publications, including one book. Amongst these are 5 publications (or 17%) with particularly high impact factor in *Phys.Rev.Letters*.

Interaction with the partner institutions is intensifying and we expect to be seeing longer and more intensive exchanges of students and staff internationally and within the Centre. As an example, we have formed an International students network with our partners in Paris and Hannover.

At the same time, we have maintained a widespread teaching program at all three Universities, with a total of 18 undergraduate and professional courses in 2004, and have presented our ideas and goals to a wide section of the Australian Physics community. This includes a special Summer School with 60 undergraduate and postgraduate students from across Australia.

## AWARDS RECEIVED

Throughout 2004 the following members of the Centre were rewarded with a number of distinctions which indicate the high profile of our staff.

Prof Hans-A. Bachor	Vice Chancellor's Award for Career Achievement ANU
Prof Peter Hannaford	Australian Academy of Science 2004 Lloyd Rees Memorial Lecturer
Prof Peter Drummond	Massey Medal
Dr Kenneth Baldwin	Eureka Prize for Promoting Understanding of Science with 'Science meets Parliament'
Dr Ken Baldwin	Delivered the September Graduation Address at Macquarie University



Ken Baldwin at Macquarie University



Vice-Chancellor Ian Chubb presents Hans-A. Bachor with his Career Achievement Award



Peter Hannaford

## Key Performance Indicators (KPI)

Key Result Area	Performance Measure	Target	Outcome
<b>Research Findings</b>	Quality of publications International Ref. Journals with an impact factor >5	4/29	5/29
	Number of publications/year	20	29
	Number of patents/year	0.3	1
	Number of invitations to address and participate in international Conferences/year#A	4	14
	Commentaries in professional journals National and international/year	3	2
<b>Research Training and Professional Education</b>	Number of postgraduates recruited/year	5	9
	Number of postgraduates completions/year	4	6
	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	12
<b>International, National and Regional Links and Network</b>	Number of International visitors/year	10	18
	Number of national and international workshops/year	1 international 1 national	2 2
	Number of visits to overseas Laboratories	18	42
	Contact with researchers related to the philosophical aspects of Quantum Physics		
<b>End-user Links</b>	Number and nature of commercialisation activities	2	0
	Number of government, industry and business briefings/year	2	2
	Number of Centre associates trained In technology transfer and commercialisation	2	0
	Number and nature of Public Awareness programs	4	5
	Awards		5