

Big Picture Seminar Series

Dr John Parker, CTO, Implant Systems NICTA

Increasing the chances for commercialisation of Research “The Implant Systems Experiment”

Dr Parker spearheads NICTA's Implant Technologies Group. He has been an Executive Director and CTO of Cochlear Limited and is an experienced director of both listed and non listed companies and CRC's.



The power of modern electronics and computer science has far exceeded our ability to deploy them in active medical devices. Complex systems for sensing and controlling and affecting a therapeutic biological response are “easily” demonstrated on the bench but defy continual operation inside the body and as a result even the most technically advanced implantable devices remain very simple.

The architecture of neuro-modulation systems hasn't changed in 25 years despite the technical advances in allied disciplines. This stagnation is due to a lack of a number of platform technologies, tissue interfaces, packaging and scalable system architectures. It is the development of these technologies, which are the focus of the research effort at NICTA's Implant Systems group.

When: 12.15pm
for 12.30pm start
Wednesday 7th April

Where: NICTA Seminar Room,
Ground Floor,
7 London Circuit,
Civic

RSVP: crlevents@nicta.com.au
by Tuesday 6th April

http://www.nicta.com.au/nicta_events/big_picture/canberra_research_lab_seminars