



New staff since Bunker Bay

Title	Name	Position	Status
Dr	Blackett, Anthony	Research Fellow: HAR Software	Arrived
Dr	Clarke, Nathan	Research Engineer - Digital Systems	Arrived
Dr	Godfrey, Leith	Research Fellow: HAR Research	Arrived
Ms	Gottschalk, Kirsten	Education and Outreach Officer	Arrived
Dr	Hyunh, Minh	Research Associate Professor	Oct-10
Ms	Kok, Kathy	Administrative Officer	Arrived
Ms	McNamara, Sara	Administrative Assistant	Arrived
Dr	Meyer, Martin	Research Associate Professor	Arrived
Dr	Morgan, John	Research Fellow: Wide-field VLBI - RASE	May-10
Dr	Ord, Stephen	Senior Research Fellow: HTR Research	Jan-11
Dr	Padhi, Shantanu	Research Engineer – Antennas	Jun-10
Dr	Schlagenhaufer, Franz	Research Engineer - EMC	Arrived
Mr	Tickner, Jonathan	Senior Technical Officer	Arrived
Mr	Waterson, Mark	RE - Laboratory Manager - funded via RASE	Arrived
Dr	Westmier, Tobias	Research Assistant Professor	Oct-10
	Positions filled via direct approaches		1293
Prof	Meurer, Gerhardt	Research Winthrop Prof (HI signature theme)	Arrived
Prof	Wicenec, Andreas	Research Winthrop Prof (DIR signature theme lead)	Jul-10

- ★ 17 New Staff
- ★ ICRAR total staff now 46
- **20** PG Students
- II Distinguished associates



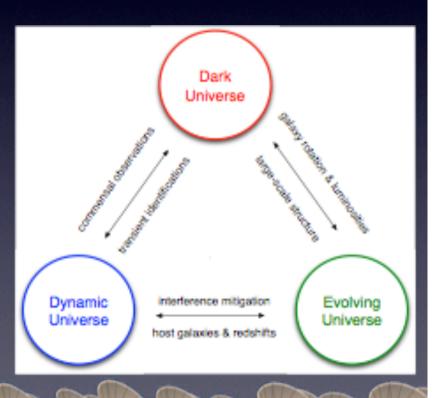
Super Science

- ★ICRAR was successful at winning 5 ARC early-career Super Science Fellowships.
- ★ Total of 33 Fellowships awarded over two years to Space Science and Astronomy.
 - 2 ICRAR for Wallaby/Dingo
 - **★**3 ICRAR for MWA
- Another 8 for ASKAP science, including 3 for CSIRO



CAASTRO proposal

- * ARC Centre of Excellence for All Sky Astrophysics: CAASTRO: USyd (Gaensler Director), ICRAR (Staveley-Smith), Swinburne (Bailes), Melbourne (Wyithe), ANU (Schmidt).
- Successful in Stage 1 (31/260 Eols)
- ★ Full proposal submitted April 19
- Interviews in July
- * \$IM/yr to ICRAR (7 staff x 7 yrs)





The ICRAR Plan

- ★ Plan Version 1.5 Approved by ICRAR Board on 8 April 2010
- ★ ICRAR Plan VI.5 has \$28.3M and 26.3 FTE as a CORE program includes the I7 new hires
- ★ 14% contingency





The ICRAR CORE Phase II proposal

- ★4 Science Positions (HI and Variable Universe)
- **★3** ICT Positions
- **★3** Engineering Positions



Programs

- ★ Management (Quinn)
- Science (Staveley-Smith)
- ★Information & Communications
 Technology (Quinn)
- Engineering (Hall)
- MRO Support (Tingay)
- Education, Training and Outreach



Science Program

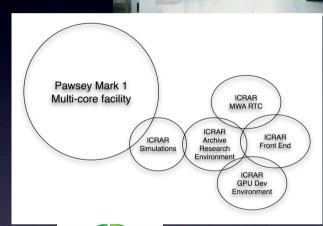
- **★**Galaxy Assembly and Evolution
- ★ Variable Universe
- High Angular Resolution astronomy

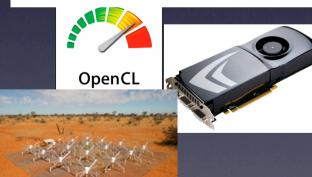




ICT Projects

- Andreas Wicenec (ESO) arrives in July to head ICRAR Data Intensive Research Theme expert in design and development of archive systems (ESO, ALMA, eVLA, VO).
- Pawsey Centre participation:
 - Phase Ia: 100TFlop Murdoch multicore tender announced this week; 30% radio astronomy.
 - Phase Ib: Data Intensive Research Pathfinder.
 - Phase 2: Petascale machine (\$20M building + \$40m machine).







MRO Projects

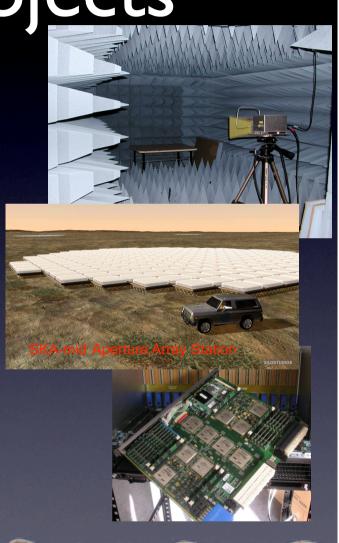
- ★ MWA project passes first major milestone, completion of 32 antenna prototype array
- ★ \$7.67m of NCRIS and EIF funds allocated to Curtin for further construction of the MWA
- ★ VLBI fringes between ASKAP01, ATNF and New Zealand Patriot 12 m antennas.





Engineering Projects

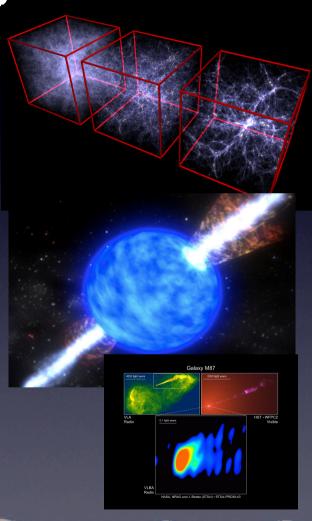
- ★ Radio Astronomy Engineering Lab @ Curtin
- Aperture Array Verification Program participation.
- 苯 Fast transient hardware design.
- × VLBI hardware





Education Program

- ★ Vacation Student Program 11 students in Dec-Feb ICRAR/iVEC/Nvidia
- 20 postgraduate students
- ★ ICRAR postgraduate day on April 30
- ★ Joint ICRAR UWA/Curtin Honours course in advanced radio astronomy and astrophysics
- New UWA major in Astronomy and Astrophysics.





E&O Projects



- Science Awareness in Kalgoorlie (1500 students)
- ★ ICRAR eNewsletter launched in March
- ★ ICRAR on facebook/twitter
- **COSMOS** advertising
- Stories of Australian Astronomy 2010
- The ICRAR Observatory



Spice/ICRAR internet observatory



Before the March 22 Perth storm

After the March 22 Perth storm

Paul Luckas



Visitors & Meetings

- ICRAR visitor program (recent long-term visitors: Phil Diamond, D J Saikia, Max Pettini)
- Oct 18-20 2010: eVLBI workshop (Perth)
- Nov 2010: UCT/ICRAR/ASTRON workshop (Perth - tentative)
- 14-18 June 2011: HI workshop w.MPE (Kloster Seeon, Germany)