

# NetWorkshop '92

THE UNIVERSITY OF QUEENSLAND

Monday 30th November - Friday 4th December 1992



## ACKNOWLEDGEMENTS

*We would like to thank the major sponsors of Networkshop '92 and are grateful for the support and assistance of all other organisations.*

### AARNet

**Department of Business, Industry and Regional Development  
(Queensland Government)**

Microsoft

Miden Corporation

Wellfleet

AAP Telecommunications

ADE Network Technology

Apple Computer Australia

Comperex Systems

Com Tech Communications

Cisco Systems

Datapro International

Digital Equipment Corporation

Hardie Networks

Labtam Australia

NetArch  
(formerly Compuservice)

Netcomm Australia

Prentice Centre

Scitec Communications

SynOptics

SUN Microsystems

Wordperfect Pacific

*Organised by Bond University, Griffith University, Queensland University of  
Technology (QUT) and The University of Queensland.*

## VENUES

*The University of Queensland, QLD 4072  
(07) 365 6361*

*Morning and Afternoon teas ONLY are provided for the tutorials 30th November and 1st December. For the actual conference ( 2nd - 4th December) morning & afternoon teas, lunches and all social functions are included.*

<i>Opening and Closing Sessions</i>			Abel Smith Lecture Theatre
<i>Trade Display</i>	<b>Building 21</b>		Heath Room, Student Union Building
<i>Sessions</i>			
<b>Building</b>	<b>23</b>	<b>AS</b>	Abel Smith Lecture Theatre
<b>Building</b>	<b>32</b>	<b>GG</b>	Gordon Greenwood Building Rooms - 224, 225 & 226
<b>Building</b>	<b>24</b>	<b>SS</b>	Social Sciences Building Rooms - LG16 & G17
<b>Building</b>	<b>1</b>	<b>FS</b>	Forgan Smith Building Room B9
<i>Registration/Help Desk</i>			Foyer of Heath Room, Student Union Building (Building 21)

**Monday, 30th November - 8.00am to 9.30am**  
**Tuesday, 1st December - Friday, 4th December 8.00am to 5.00pm**

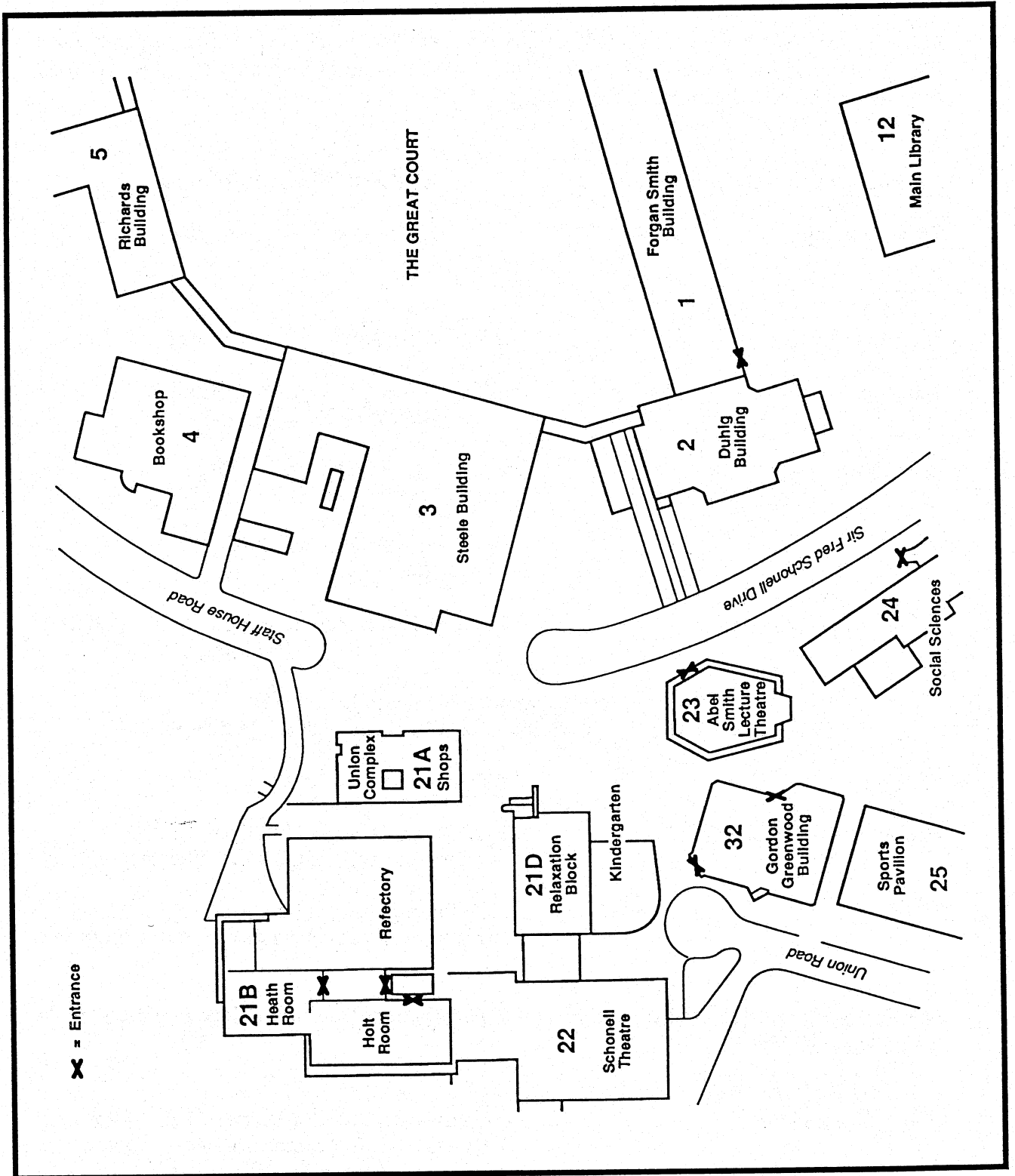
<i>Parking</i>	Ask at registration desk.
<i>Morning &amp; Afternoon Teas</i>	Holt Room, Student Union Building For times on individual days refer to program.
<i>Lunch</i>	Holt Room, Student Union Building For times on individual days refer to program.

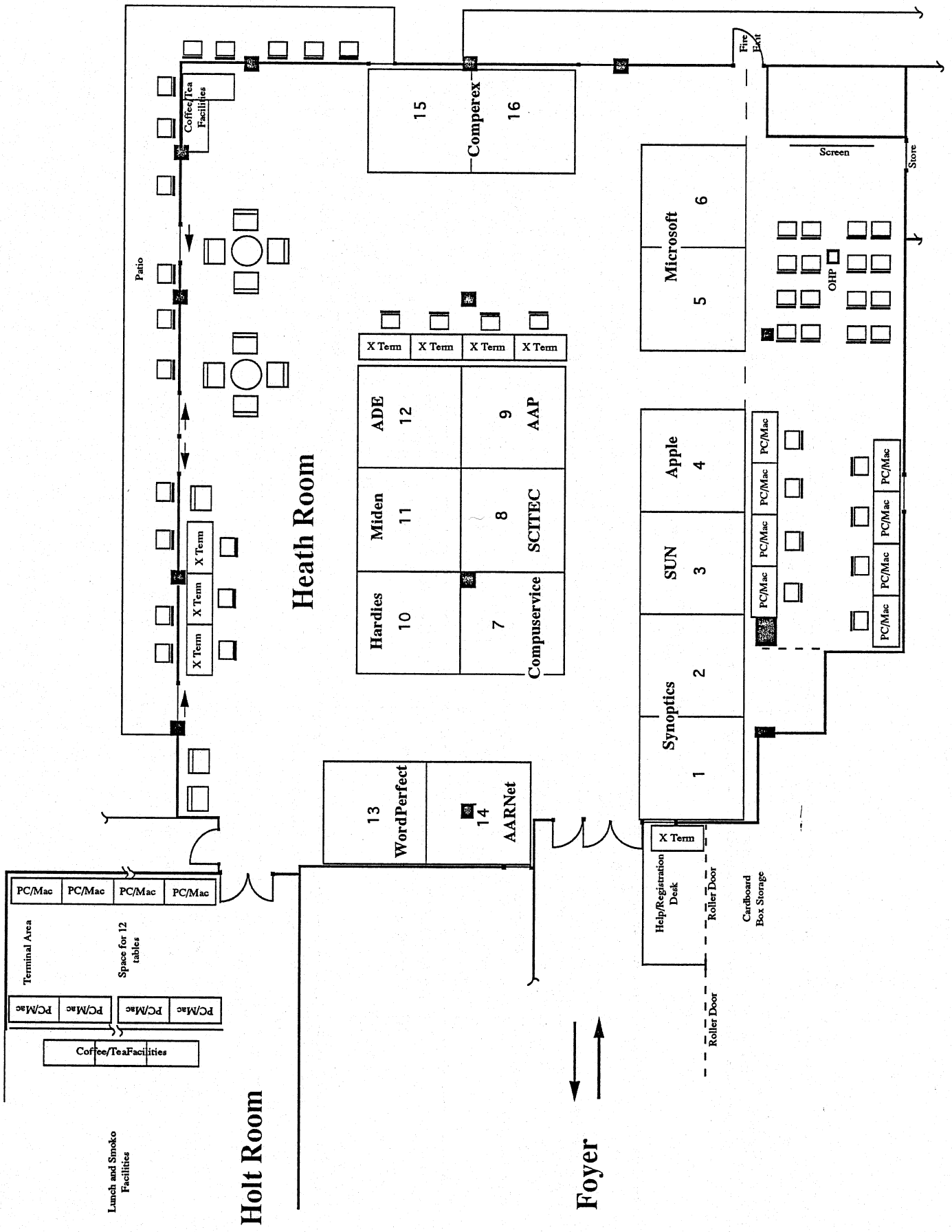
*During the preworkshop tutorials, lunch can be purchased in the Student Refectory areas or the University Staff Club.*

*Conference Dinner*

As advised, the Conference Registration Fee includes the Conference Dinner, aboard the Kookaburra Queen Paddlewheeler.  
For further details refer to Social Functions.

# BUILDING & ROOM LOCALITIES





## TUTORIALS

DATE	TUTORIAL NAME	VENUE	PRESENTER	TIME
Monday, 30th November	L1 Libraries and the Internet	AS	Jim Cleary - University of Newcastle	09.00 - 17.00

## MORNING TUTORIALS

DATE	TUTORIAL NAME	VENUE	PRESENTER	TIME
Tuesday, 1st December	L1 Libraries and the Internet	Course Room 1 - Prentice	Jim Cleary	09.00 - 12.30
	M1 Internet Security for UNIX System Administrators	SS - Room LG16	Barbara Fraser - Computer Emergency Response Team (CERT)	09.00 - 12.30
	M2 A Technical Introduction to TCP/IP	GG - Room 225	Simon Hackett - Internode Systems	09.00 - 12.30
	M3 Dial-Up Electronic Mail Services: MHSnet and UUCP	GG - Room 224	Bob Kummerfeld - University of Sydney Piers Lauder - University of Sydney Geoff Collin - Australian Defence Force Academy (ADFA)	09.00 - 12.30
	M4 Configuring Sendmail	FS - Room B9	Douglas Ray - University of Melbourne	09.00 - 12.30
	M5 An Introduction to Information Servers	AS	Brian Denehy - Australian Defence Force Academy (ADFA)	09.00 - 12.30

*Morning Tea is to be taken in the Holt Room at 10.30 am for 30 minutes.  
Lunch is for 1hr but is not included in the Preworkshop Tutorials. It may be purchased from the Student Refectory areas or the Staff Club.*



**AFTERNOON TUTORIALS**

DATE	TUTORIAL NAME	VENUE	PRESENTER	TIME
Tuesday, 1st December	L1 Libraries and the Internet	Course Room 1 - Prentice	Jim Cleary	13.30 - 17.00
	A1 Getting Connected to AARNet	GG - Room 225	Peter Elford - AARNet	13.30 - 17.00
	A2 Obtaining, Establishing & Operating an X.500 Directory	FS - Room B9	Andrew Waugh - CSIRO/DIT	13.30 - 17.00
	A3 Network Management Using SNMP	AS	Phil County - La Trobe University	13.30 - 17.00
	A4 Configuring Wellfleet Routers	GG - Room 224	Peter Harrison Wellfleet Australia	13.30 - 17.00
	A5 Configuring Cisco Routers	GG - Room 226	Scott Smith Cisco Australia	13.30 - 17.00

*Afternoon tea is to be taken in Holt Room at 15.00 for 30 minutes.*

WEDNESDAY, 2ND DECEMBER

	ABEL SMITH LECTURE THEATRE (AS)	FORGAN SMITH ROOM B9 (basement) (FS)
09.00	<p>OPENING PLENARY</p> <p>Professor Brian Wilson, Vice-Chancellor, The University of Queensland  <i>"Welcome to The University of Queensland and Official Opening"</i></p> <p>Professor Don McNicol, Vice-Chancellor, University of Sydney, Chairman AARNet Advisory Board  <i>AARNet Directions</i>            (30 mins)</p>	
09.30	<p>User Services Planning in the Internet</p> <p>Joyce Reynolds - University of Southern California/Information Sciences Institute            (60 mins)</p>	
10.30	MORNING TEA - HOLT ROOM (30 mins)	
11.00	<p>CERT and Internet Security (AS)</p> <p>Barbara Fraser, Computer Emergency Response Team            (60 mins)</p>	<p>AARNet in Review - A review of AARNet activity and details of the CRC proposal: (FS)</p> <p>Geoff Huston, Peter Elford, AARNet Management            (60 mins)</p>
12.00	<p>Security and the Australian Federal Police (AS)</p> <p>Ken Day, Australian Federal Police (30 mins)</p>	<p>See the daily Networkshop Newspaper (FS)            (30 mins)</p>
12.30	LUNCH - HOLT ROOM (90 mins)	
14.00	<p>The Network Managers Network Management System (AS)</p> <p>David Hughes, Bond University (30 mins)</p>	<p>Supporting &amp; Training the REAL Users - A European Perspective (FS)</p> <p>Jill Foster, University of Newcastle-upon-Tyne (UK)            (60 mins)</p>
14.30	<p>Subnetting a Network - The experience at The University of Wollongong (AS)</p> <p>Richard Wilson, The University of Wollongong (20 mins)</p>	



14.50	ESnet (USA) (AS) Tony Hain, United States Department of Energy (40 mins)	
15.00	User Support and Training in Australia (FS) Jim Cleary, University of Newcastle (30 mins)	
15.30	AFTERNOON TEA - HOLT ROOM (30 mins)	
16.00	X.500 In Australia (AS) Andrew Waugh, CSIRO/DIT (30 mins)	Training Issues (FS) Margaret Isaacs, University of Newcastle-upon-Tyne (60 mins)
16.30	Graphical User Interfaces for X.500 Directory Services (AS) Renato Iannella, Bond University (30 mins)	
17.00	Birds of a Feather Session (AS) See Daily Networkshop Newspaper (30 mins)	Training: A Panel Discussion (FS) (30 mins)
17.30	Microsoft Cocktail Hour	

**THURSDAY, 3RD DECEMBER**

	<b>ABEL SMITH LECTURE THEATRE (AS)</b>	<b>FORGAN SMITH ROOM B9 (basement) (FS)</b>
<b>09.00</b>	<p><b>AARNet, Internet and the Wheel of Life (AS)</b>                      The value of information sources available through AARNet/Internet will be considered with reference to effective access and selection strategies.                      Alex Byrne, Northern Territory University (30 mins)</p>	
<b>09.30</b>	<p><b>Campus Wide Information Systems (AS)</b>                      Judy Hallman, University of North Carolina (60 mins)</p>	
<b>10.30</b>		<b>MORNING TEA - HOLT ROOM (30 mins)</b>
<b>11.00</b>	<p><b>ATM (AS)</b>                      Morgan Littlewood, Cisco Australia (45 mins)</p>	<p><b>Windows for Workgroups Technical Session (FS)</b>                      Harvey Sanchez, Microsoft (45 mins)</p>
<b>11.45</b>	<p><b>Etherswitching and ATM (AS)</b>                      Jim Nielsen, SynOptics Communications Australia (45 mins)</p>	<p><b>Windows Directions: Presenting WINDOWS MM and WINDOWS NT (FS)</b>                      Simon Fielding, Microsoft (45 mins)</p>
<b>12.30</b>		<b>LUNCH - HOLT ROOM (90 mins)</b>

**THURSDAY, 3RD DECEMBER**

14.00	<p><b>Text is Just a Special Case : How MIME Makes Multimedia Mail Manageable for the Masses (AS)</b>            Nathaniel Borenstein, Bellcore            (60 mins)</p>	<p><b>Providing Information Services to an Academic Community (FS)</b>            Tom Cochrane, Queensland University of Technology            (30 mins)</p>
14.30		<p><b>Panel Session: Providing Information Services to an Academic Community (FS)</b>            Alex Byrne, Northern Territory University            Judy Hallmann, University of North Carolina            John Shipp, University of Wollongong and            Computer Centre Director (60 mins)</p>
15.00	<p><b>FTPMail - a mail gateway to FTP (AS)</b>            Peter Gray, Dept of Computer Science, University of Wollongong (30 mins)</p>	
15.30	<p><b>AFTERNOON TEA - HOLT ROOM (30 mins)</b></p>	
16.00	<p><b>Internet Audio/Video Conferencing (AS)</b>            Simon Hackett, Internode Systems Pty Ltd            (60 mins)</p>	<p><b>What is the National Library of Australia doing at AARnet? (FS)</b>            Kerry Webb, National Library of Australia (30 mins)</p>
16.30		<p><b>Who's running this service anyway? Putting it together at UC (FS)</b>            Linda O'Brien, University of Canberra (30 mins)</p>
17.00	<p><b>Birds of a Feather Session (various venues)</b>            See Daily Networkshop Newspaper (30 mins)</p>	<p><b>Forum for discussion of issues about user and training (FS) Panel Discussion (30 mins)</b></p>
18.30	<p><b>KOOKABURRA QUEEN PADDLEWHEELER</b></p>	

**FRIDAY, 4TH DECEMBER**

	<b>ABEL SMITH LECTURE THEATRE (AS)</b>	<b>FORGAN SMITH ROOM B9 (basement) (FS)</b>
09.00	<b>X-Windows (AS)</b> Richard Armstrong, The University of Queensland (60 mins)	
10.00	<b>Microsoft Network Products in the University Environment (AS)</b> Peter Akers, Geoff Williams, Griffith University (30 mins)	
10.30	<b>MORNING TEA - HOLT ROOM (30 mins)</b>	
11.00	<b>A Message Transfer Service (AS)</b> Bob Kummerfeld, University of Sydney (30 mins)	<b>Tools for Finding Information on the Internet:</b> <b>HYTELNET, WAIS and Gopher (FS)</b> Deidre Stanton, Murdoch University Library ((45 mins)
11.30	<b>Data Visualisation (AS)</b> Ross Dungavell, CSIRO (30 mins)	
11.45		<b>Is a CWIS a GIS? - Putting it together at ANU (FS)</b> Tony Barry, Australian National University Library (45 mins)
12.00	<b>X/Open's XOM API - an implementor's experience (AS)</b> Brian May, CSIRO/DIT (30 mins)	
12.30	<b>LUNCH - HOLT ROOM (90 mins)</b>	
14.00	<b>OSI-TCP/IP Interoperability (AS)</b> Michael Aikins, Digital Equipment Corporation (60 mins)	<b>UNILINC one year on (FS)</b> Marilyn Edmond, UNILINC Limited (30 mins)
14.30		<b>Management Applications Development on a DME Platform (FS)</b> David Manfield, CiTR (30 mins)
15.00	<b>Motorola Wireless LAN (AS)</b> Rodney Thomson, Hardie Networks (30 mins)	<b>Networking at SUN (FS)</b> Brian See, SUN Microsystems (30 mins)
15.30		<b>AFTERNOON TEA - HOLT ROOM (30 mins)</b>
16.00	<b>CLOSING SESSION (AS) (30 mins)</b>	

**PROGRAM IS SUBJECT TO ALTERATIONS - REFER TO DAILY NEWSPAPER**



## SOCIAL FUNCTIONS

*Wednesday  
2nd December*

5.30-7.00pm

"Microsoft Cocktail Hour"  
Axon Room (directly above the  
Holt Room)

*Thursday  
3rd December*

7.30pm-11.00pm  
(Departing at 7.30pm)

Conference Dinner on board the  
K o o k a b u r r a   Q u e e n  
Paddlewheeler  
Drinks will be included (beer,  
wine & O.J) *First drink sponsored  
by WELLFLEET.*

Buses will take delegates from all specified accommodation venues to the Kookaburra Queen and return.

*Transfer details available at Registration Desk*

*Program is subject to alterations. Please check the Daily Newspaper and/or  
Message Board for up-dates*

All delegates have been granted membership of the University Staff Club  
for the duration of the conference

Please note that smoking is not allowed in any University building

## MISCELLANEOUS

### *Accommodation Contacts*

**The Women's College**  
College Road  
THE UNIVERSITY OF QUEENSLAND 4072

Telephone: (07) 871 8500  
Fax: (07) 870 9511

**Whitmore Park Serviced Apartments**  
3 Whitmore Street  
TARINGA 4068

Telephone: (07) 870 4931  
Fax: (07) 870 3891

**All Seasons Abbey Hotel**  
160 Roma Street  
BRISBANE CITY 4000

Telephone: (07) 236 1444  
Fax: (07) 236 1134

**Brisbane Hilton Hotel**  
190 Elizabeth Street  
BRISBANE CITY 4001

Telephone: (07) 231 3131  
Fax: (07) 231 3199

**Mayfair Crest Hotel**  
Cnr Ann & Roma Street  
BRISBANE CITY 4001

Telephone: (07) 229 9111  
Fax: (07) 229 9168

**Emmanuel College**  
Cnr Upland Rd &  
William Macgregor Dr  
THE UNIVERSITY OF QLD

Telephone: (07) 871 9100  
Fax: (07) 870 7183

***All accommodation bookings/enquiries to be done directly with OZACCOM  
Telephone: (07) 854 1611 or Toll Free 008 814 611 Fax: (07) 854 1611***



**MAP LEGEND by  
BUILDING NAME**

**Build. Map  
No. Ref.**

BUILDING NAME	Build. No.	Map Ref.
Abel Smith Lecture Theatre	23	I6
Alumni Teaching Garden	55	C7
Animal House	66	M3
Architecture Laboratory	54	A3
Avalon Theatre	95	Z7
Axon Building	47	I3
Biological Sciences Library	94	P5
Bookshop & University Press	4	I5
Bus shelter	77	O4
Campus Kindergarten	73	L2
Cement Box Theatre	22	G6
Central Library	12	L7
Chemistry Building	68	L3
Commerce Building	35	J8
Computer Science Building	69	M4
Connell Building	26	H9
Credit Union	15	J4
Cumrae-Stewart Building	72	M3
David Theile Pool	27	E10
Duhig Building	2	J6
Education Annexe	31A	I8
Engineering—		
Chemical Eng. Building	74	J3
Civil Eng. Laboratories	48	H4
Civil Eng. Drawing Office	49	H4
Electrical Eng. Laboratories		
(in front of 47)		I3

**BUILDING NAME**

(continued)

**Build. Map  
No. Ref.**

BUILDING NAME	Build. No.	Map Ref.
Mansergh Shaw Mechanical Engineering Building	45	J3
Mining & Metallurgical Eng.	44	J3
Equine Blood Typing Research Laboratory	66A	M3
Eric Freeman Boatshed	30	R14
Ferry shelter	34	B7
Football Club ( <i>Rugby Union</i> )	40	R12
Forgan Smith Building	1	M6
Glassblowing Hut	97	S6
Glasshouse Services Building	89	U7
Goddard Building	8	N4
Gordon Greenwood Building	32	H7
Hartley Teakle Building	83	R7
Hawken Engineering Building	50	J3
Houses—2 Rock St (TEDI)	96	T5
6 Rock St (Speech & Hearing)	90	U5
Human Performance Laboratories	26A	H8
Indoor Sports Pavilion	25	H7
Industrial Centre	85	R5
Information Booth	98	Y8
J.D. Story (Administration) Building	61	O4
John Hines Building	62	M4
Journalism Studies	91	U5
Joyce Ackroyd Building	37	K9
Mayne Hall	11	O6
Michie Building	9	O5

**BUILDING NAME**

(continued)

**Build. Map  
No. Ref.**

BUILDING NAME	Build. No.	Map Ref.
Munro Centre	93A	Y1
Otto Hirschfeld Building	81	Q1
Parnell Building	7	L4
Pavilion (Playing Field No. 3)	53	B4
Pavilion (Playing Field No. 5)	29	Q1
Physics Annexe	6	K4
Physiology Building	64	M3
Physiology Lecture Theatres	63	M3
Prentice Building	42	J4
Priestley Building	67	L3
Psychology Building	24A	J8
Richards Building	5	K5
Ritchie Research Laboratories	64A	M3
Schonell Theatre	22	G6
Seddon Buildings	82	R6
Skerman Microbiology Building	65	N3
Social Sciences Annexe	38	I7
Social Sciences Building	24	J7
Staff House	41	I4
Steele Annexe	13	I5
Steele Building	3	J5
Students Recreation Club	33	F7
Tennis Pavilion		I10
Therapies Building	84	R5
Union Buildings	21	G6
W.E.P. Harris Pavilion		N2
Workshops (Maintenance)	87	S6
Zelman Cowen Building	51	I4

**MAP LEGEND by  
BUILDING NO., listing some  
major academic buildings**

No.	Map Ref.	BUILDING NAME
1	M6	Forgan Smith Building
2	J6	Duhig Building
3	J5	Steele Building
5	K5	Richards Building
6	K4	Physics Annexe
7	L4	Parnell Building
8	N4	Goddard Building
9	O5	Michie Building
12	L7	Central Library
13	I5	Steele Annexe
23	I6	Abel Smith Lecture Theatre
24	J7	Social Sciences Building
24A	J8	Psychology Building
25	H7	Indoor Sports Pavilion
26	H9	Connell Building
26A	H8	Human Performance Laboratories

**No. Map Ref. BUILDING NAME**  
(continued)

31A	I8	Education Annexe
32	H7	Gordon Greenwood Building
35	J8	Commerce Building
37	K9	Joyce Ackroyd Building
38	I7	Social Sciences Annexe
42	J4	Prentice Building
43	K3	Mining & Metallurgical Engineering Building
44	J3	Mining & Metallurgical Engineering
45	J3	Mansergh Shaw Mechanical Engineering Building
47	I3	Axon Building
48	H4	Civil Engineering Laboratories
50	J3	Hawken Engineering Building
51	I4	Zelman Cowen Building
61	O4	J.D. Story (Administration) Building
62	M4	John Hines Building

**No. Map Ref. BUILDING NAME**  
(continued)

63	M2	Physiology Lecture Theatres
64	M3	Physiology Building
64A	M3	Ritchie Research Laboratories
65	N3	Skerman Microbiology Building
67	L3	Priestley Building
68	L3	Chemistry Building
69	M4	Computer Science Building
74	J3	Chemical Engineering Building
81	Q5	Otto Hirschfeld Building
82	R6	Seddon Buildings
83	R7	Hartley Teakle Building
84	R5	Therapies Building
90	U5	6 Rock Street (Speech & Hearing)
91	U5	Journalism Studies
94	P5	Biological Sciences Library



