SECOND CALL FOR PARTICIPATION

NETWORKSHOP '91

The Seventh Australian Networkshop

"Expanding Network Services"

2nd - 4th December 1991

at
University of Tasmania
Hobart

with sponsorship from
The Australian Academic & Research Network

NETWORKSHOP '91

The seventh Australian Networkshop will be held at the University of Tasmania
in Hobart from 2nd to 4th December 1991. Networkshop '91 is the annual national
workshop of the academic and research networking community. The workshop is
expected to attract up to 200 people involved in networking, computer-based
communications and usage of electronic communications from throughout Australia
and New Zealand.

Networkshop '91 is sponsored by the Australian Academic and Research Network
(AARNet). A significant amount of time at Networkshop '91 will be spent
discussing issues related to the continuing design and usage of AARNet.
AARNet has been in operation for eighteen months and significant information
has been gathered on its efficiency and effectiveness.

FOCUS

Networkshop '91 will focus on how the services of a national network like
AARNet can be diversified and expanded to meets the need of the academic
and research community for which it is designed. This focus will include
discussions of the engineering problems faced in expanding the range of
facilities and services offered over such a network.

In particular, Networkshop '91 will focus on the following issues:

        o proposals for innovative new uses of electronic communication media
        o case studies illustrating significant uses of computer networks
        o users' perspectives on the future provisions of communication service

Presentations addressing these issues will be most welcomed.

Historically the Networkshop has concentrated on the technical and managerial
issues of establishing a national network. With the wide accessibility of
services like AARNet, Networkshop '91 provides an opportunity for users to
discuss and present their needs, and seek solutions from communication
engineers and managers.

GUEST SPEAKERS

Milo Medin, NASA. Milo has had extensive experience in network engineering and and adminstrative.

Peter Deutsch, McGill University. Peter has been involved in the development of wide area information services (WAIS), including the Archie project.

The Directory Services project group will also be inviting a guest speaker, to be announced.

DRAFT PROGRAMME

The following is a draft programme, which includes all proposals for workshop presentations received up to 30 Oct 91. Subsequent proposals will be included in the final programme.

DAY 1 - AARNet Developments

    Welcome and Opening by Professor CP Wendell-Smith, Deputy Vice-Chancellor,
                        University of Tasmania
    AARNet Status Report
        Geoff Huston, AARNet
    IS-IS IGP, OSI
        Steve Willis, Wellfleet
    Introduction to IP Routing
        Peter Elford, AARNet
    OSPF and/or Global Routing Issues
        Milo Medin, NASA
    AARNet-funded Project Group Reports

DAY 2 - Network Applications

    Linking Systems - an Australian Initiative
        Marilyn Edmond, UNILINC
    Value Added Services: Libraries and AARNet
        John Shipp, University of Wollongong
    A Specialised Distribution Channel : the role of AARNet in the delivery
    of information services
        Linda O'Brien & Lois Jennings, University of Canberra
    The Electronic Library: Implications for AARNet
        Anita Crotty, University of Western Sydney, Nepean
    The Telelibrary and AARNet
        Wesley Brent & Robert Alessio, RMIT LIbrary
    Archie
        Peter Deutsch, McGill University
    Impact of high speed links on LIS
        Peter Zwart, University of Tasmania
    New applications for broadband communication networks such as FASTPAC,
    and Broadband ISDN
        Dr Bruce Tonkin, Monash University
    The Pegasus Networks experience
        Ian Peter, Pegasus Networks
    Discussion Panel on Future Application Areas

DAY 3 - Engineering Issues and Case Studies

    ANS, the T3 Backbone and the future of the NSFnet
        Guy Almes, ANS
    The worldwide APC Networks and 3rd world networking
        Ian Peter, Pegasus Networks
    Integrated premises cabling and 10Base-T
        Goran Andersson, University of Wollongong
    Toward a Global Disaster Management Research Network: the Role of Internet
        Peter Anderson, Centre for International Research on Communicaton and
                        Information Technologies
    ROBINHOOD: Resource Sharing by Time Stealing Between DOS PCs on a LAN

Siva Misra, James Cook University
AIMS Networks - Past and Future
Malcolm McKenzie, Australian Institute of Marine Science
Boot ROM for diskless PC's in a TCP/IP network
John Moorfoot, Deakin University
An X-Windows Manager for the Directory Service
John Colville, University of Technology, Sydney
Demonstration of SNMP shell
Douglas Ray, University of Melbourne
SNMP controlled CD player
Simon Hackett
Electronic Mail interface to X.500
Greg Wickham, Deakin University
MIDI Network Interface
Tim Freeman, University of Tasmania
IEPG/International Scene Summary
Geoff Huston, AARNet
Security in LANs
Raffik Razzouk, BICC
Fun with Fax
Bob Kummerfeld, University of Sydney

Sessions will run from 9.00am to 5.30pm on each day of the workshop.

WHO SHOULD ATTEND?

Attendance is invited from a broad range of people, ranging from those involved
in the engineering, maintenance and management of computer networks, through
to users with an existing or potential usage of electronic communications.
This includes, but is not limited to:

> o network users, such as academics, researchers, librarians, distance
>   educators and administrators
> o network managers, designers and implementors
> o research workers involved in communication-related fields
> o computer services staff, particularly those involved in universities
>   and the public sector
> o representatives of current and potential affiliate members of
>   AARNet
> o telecommunications carriers and providers
> o suppliers and manufacturers of computer communications
>   equipment, software and hardware

SOCIAL PROGRAMME (included in the full registration fee)

A cruise on the River Derwent and a visit to International Catamaran workshops
will be held on the evening of Monday, 2nd December.

A workshop dinner will be held at Mures Upper Deck Restaurant on the
evening of Tuesday, 3rd December.

NETWORK ACCESS

The University of Tasmania will make available a laboratory for the duration
of Networkshop '91 and will provide each attendee at the workshop with
network access.

EXHIBITION

In conjunction with Networkshop '91 there will be an exhibition of
communication equipment and software by leading manufacturers and suppliers.
This display area will only be available to Networkshop '91 attendees and

will be open between 9am and 5pm for each day of the workshop.

ACCREDITATION

The Australian Computer Society has accredited Networkshop '91 with
18 Practising Computing Professional (PCP) points.

Networkshop '91 sessions may be used as part of an eligible training
programme under the Training Guarantee act.

CALL FOR PAPERS

Papers and presentations are invited in the following areas:

> o innovative uses of network services
> o experience with expanding network awareness and usage among the
> academic and research community
> o presentation of research into any aspects of electronic
> communications
> o discussion papers, summarising experience with networks
> o technical papers, covering any aspects of computer networking
> o proposals, presenting future directions for the Australian
> networking community and AARNet

Those wishing to participate in the workshop should include relevant
information in the registration form below. Further information is available
from the Networkshop '91 Chairperson, Dr Chris Keen, at the address shown
below, or via e-mail to:

> networkshop@cs.utas.edu.au

ACCOMMODATION and TRAVEL

Mures Tasmania has been appointed as the conference organisers for
Networkshop '91. Mures operate a full travel agency and can arrange all of
your travel and accommodation requirements, included package tours of Tasmania,
to fit in with attendance at Networkshop '91.

Ansett Airlines has been appointed official domestic carrier for
Networkshop '91. In recognition of the airline's valuable contribution to
the workshop, it is important that you support this appointment by flying
Ansett Airlines whenever air travel is required.

For further information regarding flights and details of discounts which may
be available to you as a workshop delegate please contact your nearest
Ansett Airlines Convention Travel Department or Mures Travel on
(002) 311744.

In addition to the current discounted fares, Mures Travel has negotiated a
special Convention Fare which offers maximum flexibility for delegates.
Please contact Mures Travel, or tick the appropriate box in the registration
form for more information.

A wide range of accommodation is available at rates specially discounted for
Networkshop '91:

JANE FRANKLIN HALL
Situated approximately 1.5 kilometres from the University and the city,
Jane Franklin Hall is set in spacious landscaped gardens with extensive views
of the River Derwent and Mt Wellington.
> Single/Double (including breakfast) $30.00 per person

CHRIST COLLEGE

Overlooking the University and the River Derwent, the college is within 5-10 minutes walk of the campus. Recreational facilities are available.

Single (including breakfast)	$32.00 per person

BEACH HOUSE HOTEL

Located in Lower Sandy Bay, the hotel is approximately 2 kilometres from the University. All rooms have en-suite facilities, colour TV and counter meals available.

Double/Twin (including breakfast)	$54.00 per room

COLVILLE COTTAGE

Colonial accommodation in the heart of historic Battery Point. Approximately 1.5 kilometres from the University.

Single (including breakfast)	$65.00
Double/Twin (including breakfast)	$80.00

HOBART MACQUARIE

Located in the city and within walking distance of Battery Point and Salamanca Place. Just 2 kilometres from the University this property offers executive or family accommodation and features a fully enclosed Leisure Centre.

Single	$65.00
Double	$70.00 per room

GROSVENOR COURT

Located within walking distance of the University and the city centre, all apartments are completely self contained and pleasantly situated in quiet garden surroundings. Large family units available.

Single bedroom apartment	$79.00 for first person
Each additional person	$15.00

SANDY BAY MOTOR INN

Situated within walking distance of the University this motel offers private facilities in all rooms. Spa and sauna also available.

Single	$70.00 per room
Double/Twin	$80.00 per room

WREST POINT CASINO

Wrest Point is within 10 min. walking distance of the University. The hotel has first class facilities, restaurants, entertainment, casino and recreational facilities.

Gardenview	Single/Double/Twin	$81.00 per room
Riverview	Single/Double/Twin	$89.00 per room
Tower	Single/Double	$150.00 per room

CONTACT ADDRESSES:

For registration, submission of papers, and other administrative arrangements, contact:

> Networkshop '91
> Department of Computer Science
> University of Tasmania
> GPO Box 252C
> Hobart   7001
> Tasmania
>
> E-mail: networkshop@cs.utas.edu.au
> Phone: (002) 202906   Fax: (002) 202913   (Australian)
>   +61 02 202906   +61 02 202913   (International)

Accommodation and travel enquiries should be addressed to the conference organisers, Mures Convention Management:

> Mures Convention Management
> Victoria Dock

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                Hobart   7000
                Tasmania, Australia

                E-mail: networkshop@cs.utas.edu.au
                Phone:   (002) 312121              Fax:     (002) 344464   (Australian)
                    or (002) 341424
                      +61 02 312121                       +61 02 344464   (International)
                    or +61 02 341424
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REGISTRATION FORM

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To:     Networkshop '91
        Department of Computer Science
        University of Tasmania
        GPO Box 252C
        Hobart   7001
        Tasmania
        E-mail: networkshop@cs.utas.edu.au
        Fax:     (002) 202913  (Australian)     +61 02 202913 (International)
```

Surname _____

Given Names _____

Position _____

Organisation _____

Address _____

_____

_____

Telephone _____ Fax _____

Email _____

Details of flight arrival:

Airline _____ Flight No _____ Date ____/____/____

I will be attending the workshop and enclose payment for:

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        o Registration before 8 November 1991 @ $180      $
        o Registration after 8 November 1991 @ $200       $
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The above registration fee includes all sessions, lunches, morning and afternoon teas, river cruise and workshop dinner.

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        o Daily registration at $80 per day               $
        o Extra tickets for River cruise @ $32 ea          $
        o Extra tickets for Networkshop dinner @ $36 ea  $
        o Hotel Deposit (see below)                        $

                                        Total             $
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Please make your cheque payable to:

                University of Tasmania

or complete below for credit card payment.

        Bankcard/Mastercard/Visa* number: _____ _____ _____ _____

Expiry Date____/____   Name_____
        Signature

* delete which does not apply

PARTICIPATION

I wish to present a paper at Networkshop '91 on the following topic:

_____

I will require the following special audio-visual aids:

_____

(Ethernet access to the campus network and AARNet will be available in the
 lecture theatre)

ACCOMMODATION BOOKING FORM

To obtain group discount rates all accommodation must be booked through
Mures Convention Management.
All bookings must be accompanied by a deposit of $60.00 to confirm your
room. Balance must be paid direct to the Hotel or College on your
departure.

Please tick the type of accommodation required:

        Single [ ]   Twin [ ]   Double [ ]
        One bedroom apartment [ ]   Two bedroom apartment [ ]

No. extra persons_____

I wish to share with_____

Day in____/___/___   Day out___/___/___

Please indicate 1st, 2nd and 3rd preferences:

        Wrest Point Casino
        Tower [ ]   Gardenview [ ]   Riverview [ ]

        Hobart Macquarie   [ ]   Colville Cottage   [ ]
        Grosvenor Court   [ ]   Christ College   [ ]
        Sandy Bay Motor Inn [ ]   Jane Franklin Hall   [ ]
        Beach House Hotel   [ ]

AIR TRAVEL

Mures Travel has negotiated special Convention Fares. Please tick the
following if you require further information:

        [ ] Please send me information on all special and negotiated air
            fares for Networkshop '91

    or [ ] I will organise my own travel itinerary

All registrants will be sent a full programme before the workshop commences.

--
Chris Keen, Chairperson Networkshop '91 AARNet: networkshop@cs.utas.edu.au

Dept of Computer Science   Phone: 002-202906   (Australian)
University of Tasmania   61-02-202906 (international)
GPO Box 252C, Hobart, Tasmania 7001   Fax: 61-02-202913