

# AIT's roles in HRD for Information Society

By

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intERLab, AIT

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# AIT is an international education institute



**1,995 Students  
from 46 Countries  
14,608 Alumni  
from 79 Countries  
110 Faculty from  
22 Countries**

The Asian Institute of Technology promotes technological change and sustainable development in the Asian-Pacific region through higher education, research and outreach. Established in Bangkok in 1959, AIT has become a leading regional postgraduate institution and is actively working with public and private sector partners throughout the region and with some of the top universities in the world.

Recognized for its multinational, multi-cultural ethos, the Institute operates as a self-contained international community at its campus located 40 km (25 miles) north of Bangkok, Thailand

# AIT MISSION

*-to develop highly qualified and committed professionals who play leading roles in the region's sustainable development and its integration into the global economy.*

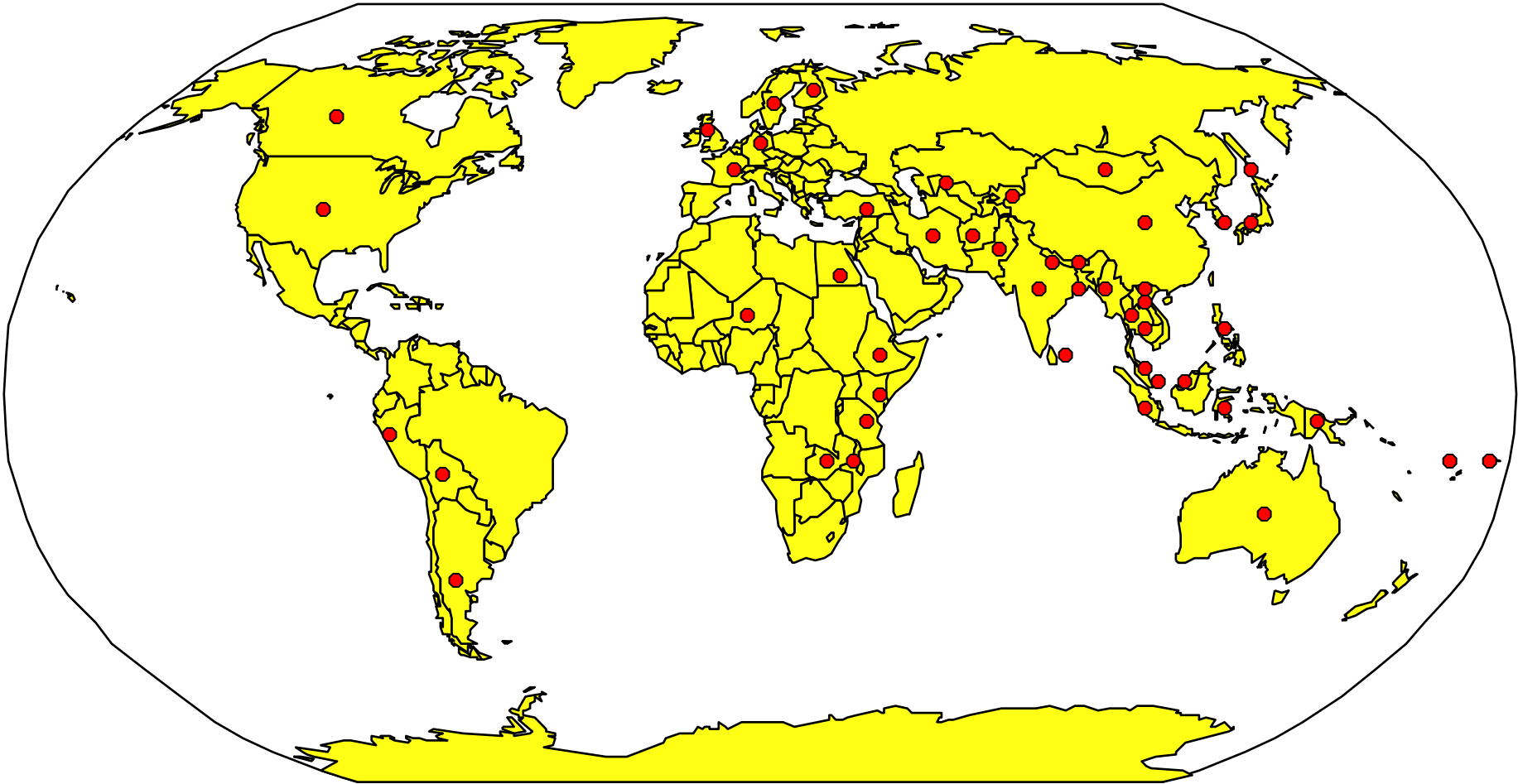
# Academic Programs

- Engineering and Technology
- Environment and Development
- Management

# Extensions and Centers

- AIT Extension -- professional and continuing education
- Labs and Centers
  - Internet Education and Research Lab
  - Centers within schools

Where are our alumni?



# Technology Hub

- Linkages with World Class institutes
- Linkages with leading regional institutes
- Linkages with emerging institutes

# ICT HRD @ AIT

- Degree Programs: The School of Engineering and Technology, AIT offer Master and PhD Programs in
  - Computer Science and Information Management
  - Telecommunications
  - Information Communication Technology

# ICT HRD @ AIT

- Training Programs:
  - More than 3,000 IT personnel in the AP region have been trained through short-courses at AIT at the Regional Computer Center  
Now, called AIT Extension

# ICT HRD @ AIT

- E-learning offered by the Distributed Education Center
- HRD through SW development partnership: Vclass Consortium
- HRD through joint research: supported by Royal Thai Government

# ICT HRD @ AIT

- INTERNET Education and Research  
[www.interlab.ait.ac.th](http://www.interlab.ait.ac.th)

International Collaborations:

AI3/WIDE

SOI/ASIA

INRIA, France

RENATER

AP Organizations

# AIT's IT Mission

- ***“to be the center of excellence in IT for the region, setting examples in effective use of IT for sustainable development within the institute and the region, creating an ethically conscious IT community and producing highly qualified and committed IT professionals.”***

# Goals

- Goal 1 AIT as E-Education Hub
- Goal 2 Towards well-balanced distributed and centralized IT services
- Goal 3 Achieving an IT Cultured Institution
- Goal 4 Being a center for the formation for top Internet specialists for the region
- Goal 5 Promoting ICT for Rural Development

# HRD for the INTERNET

Recognized shortage of  
**infrastructure** personnel --  
APNIC and AIT

# Internet related training workshops and meetings related to the Internet organized by AIT

1. Information Technology Training for High Ranking Officers in the Royal Thai Government on “*Essence of E-Government*“, AIT, March, 2003
2. AP\* Retreat Meeting, Taipei, February, 2003
3. SOI ASIA Project Operators Workshop, AIT, February, 2003
4. APNIC Training, Bangkok, January, 2003
5. AP\* Retreat Meeting, Shanghai, August, 2002
6. AP\* Retreat Meeting, AIT, March, 2002
7. The 1<sup>st</sup> Asia Pacific Next Generation Camp, AIT, February, 2002
8. Asia-Pacific Advanced Network Consortium (APAN) Retreat Meeting, Phuket, January, 2002
9. ASEM Seminar on Asia-Europe Cooperation on “*Applications of Information Technology to Human Resources Development in the Mekong Sub-Region: Challenges and Opportunities*“, AIT, October, 2001
10. AP\* Retreat Meeting, AIT, August, 2001
11. AP\* Retreat Meeting, Kuala Lumpur, February, 2001
12. AP\* Retreat Meeting, AIT, October, 2000

## **Internet related training workshops and meetings related to the Internet organized by AIT ... (2)**

13. Domain Name System Training for .mm ccTLD, AIT, April, 2000
14. Training on Information Technology and Management for High Ranking Officers in the Royal Thai Government, AIT, August, 1998
15. Information Technology and Management Workshop for High Ranking Officers in the Royal Thai Government, AIT, August, 1997
16. Internet and WWW Training for Trat Provincial Officers, AIT, April, 1997
17. Internet Training for Entreprise des Postes Lao, AIT, July, 1997
18. Training on Computer Network for Management and Country Development for High Ranking Officers in the Royal Thai Government, AIT, July, 1996
19. Internetworking Workshop, AIT, March, 1994
20. UNIX Networking and System Administration Workshop, AIT, December 1991

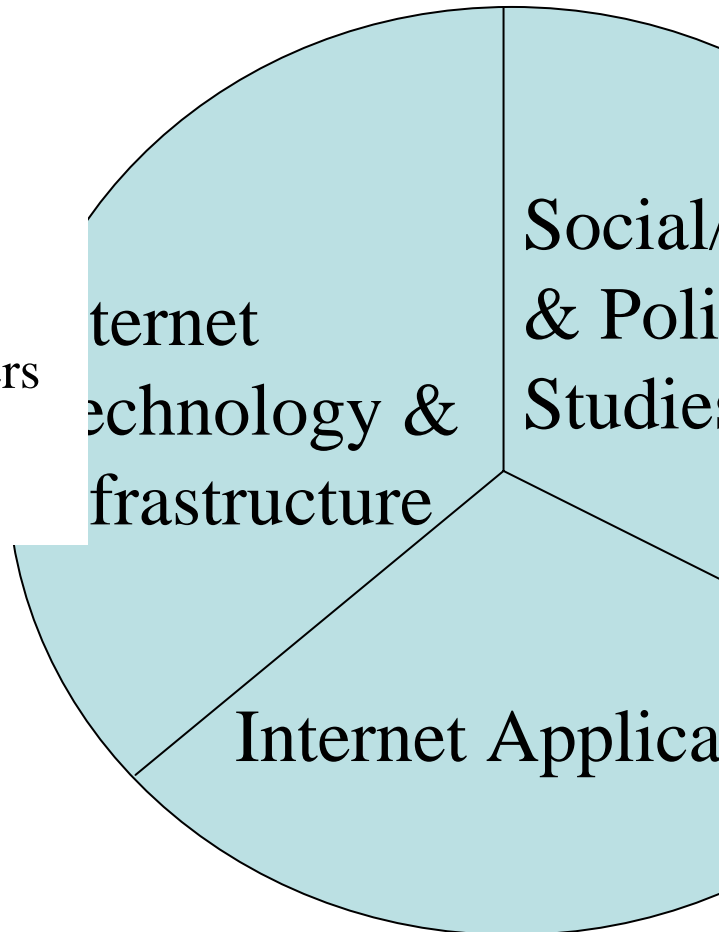
# **AIT/Internet2 Hands-on Multicast Workshop**

- 18-20 May 2003, Asian Institute of Technology, Pathumtani, Thailand**
- Over the course of this workshop students will design and set up a set of inter-connected multicast networks. The workshop will consist of a set of hands on exercises for small network teams. The workshop will be limited to 20 participants and those participants will be divided into four teams. Each team will have a mix of 5 routers and over the course of the workshop teams will configure their own network, inter-connect with the other teams, and then attach to the AIT/Internet2 connected network.**

# Demand from the region

- Human Resources for Infrastructures
  - Network Engineers
  - Policy Studies
  - E-education (HRD for HRD)

# ntERLab @ AI



\* Research

-AI3/Satellite Internet

-QoS

-Multimedia

\* Degree Programs

\* Training

-APNIC

-APTLD

-NOCs/Internet Engineers

\* Research

- Gender and Development

- Management of Tech

- E-Governance

\* Degree Programs

\* Research

- Distance Education

(Vclass, SOI/ASIA, ASEAN  
Virtual Institute of S&T,  
GMS VU)

-Content Delivery (AI3)

\* Degree Programs

\* Training

-E-learning Technologies

- Courseware Design

- Virtual Uni Admin and  
Management

We welcome more partnership!

APTLD, ITU, UNESCO, ASEAN,  
UNU, Governments in the AP region,  
and private sector

# Concluding Remarks

- HRD is one of the key issues for a sustainable information society
- Research and high level ICT education should not be ignored
- Effective use of existing regional education institutions for HRD should be adopted