

AP* - Secretariat

17 Feb, 2020

Melbourne

Pre-AP*

- **1990s APNG**

Organization Updates during APNG Meetings

- **2000**

Decided to spinoff the Organization Updates, and Named AP* Retreat

AP*

- **Twice a Year**
During APRICOT in February, and
During APNG, APAN or APNIC in July - September
- **Updates of Internet Organizations in Asia and Elsewhere with Discussion**
- **AIT IntERlab as Secretariat with the following sponsors;**
Major Sponsors: IntERlab with Initial Funding from Toru Takahashi
Other Sponsors: APNIC, APRICOT, ISOC,...
Contributions by Participants

(Partial) **List of AP* Organizations**

AI3, APBioNet, APCERT, APDIP, APIA,
APAN, APNG, APNGcamp, APNIC,
APRALO, AP*, APOPS, APRICOT,
APrIGF, APSIG, APTLD, ASREN, IDRC,
IGFarab, INFITT, intERLab, SANOG, WIDE

2019 Chiangmai Main Points

- Main focus was on APNG Re-union
 - May have APNG re-union at APStar (Bangladesh)
- Funding of AP* Secretariat
 - Secretariat's roles
 - Maintaining Web site
 - Meeting preparation
 - Funding USD2,500 from major AP organisations

Re-organization of AP*Sec

- intERLab has not been able to hire any secretary till now
- USD2,500
 - APNIC
 - ISOC (AP)
 - ICANN (AP)
 - APTLD (NOT yet)
 - APNIC Foundation?

Dinner hosted by DotAsia

18.30 - 21.00 AP* Retreat/ DotAsia Dinner:

Ground Floor Crown Riverwalk,

Crown Melbourne, 8 Whiteman St,

Southbank

(5-min walk from Crown Promenade)

Thank You



Internet Education and Research Laboratory (int**ER**Lab)

by
Kanchana Kanchanasut
www.interlab.ait.asia

APStar Retreat
17 Feb, 2020

intERLab Activities

- AP Internet Information Center
 - APStar Secretariat
- Internet Infrastructure HRD (trainings)
- e-Education
- Research (technical research and conference)





AP Internet Information Center

AP Internet Information Center



Next AP* Retreat



Upcoming Events of Asia Pacific Internet Organizations - 2011, 2012, 2013, 2014

APStar Retreat	20 February 2011	Hong Kong
APNIC 31	21-26 February 2011	Hong Kong
ICANN 40	13-19 March 2011	TBD
IETF 80	27 Mar - 2 Apr, 2011	Prague, Czech Republic
MENOG 8	01-02 April 2011	TBD
ARIN XXVII	10-14 April 2011	San Juan, Puerto Rico
RIPE 62	16-21 May 2011	Amsterdam, Netherlands
LACNIC XIV	22-28 May 2011	TBD
18th Euro-IX Forum	30 May - 01 Jun 2011	Catania, Sicily, Italy

SPONSORED BY

Asia & Pacific Internet Association



Asian Pacific Regional Internet Conference on Operational Technologies



Asian Virtual Institute of Science and Technology



**AP* SECRETARIAT
SUPPORT FROM APIA**

**MEETING SPONSORS:
APRICOT
APNIC**

www.apstar.org



Logistics support for



2019 APSIG

Asia Pacific School on Internet Governance

Dates: 2019-07-07~10 (Registration Desk Opens in 9am - 8pm, July 7 Sunday)

Location: Asia Institute of Technology (AIT), Pathum Thani (near Bangkok), Thailand

Meeting Room: B108, Conference Center, AIT

Local Organizer: intERlab, AIT

Local Information: [Accommodation, Local Transportation, Medical Care, and Visa](#)

2019 APSIG Participants: 34 (af, bd/6, cn/5, id/3, in/4, jo, jp, kr/2, lk/3, mm, np/4, pk, th, us)

Cover Pages (Class, Sessions)

Video of 2019 APSIG



Internet Infrastructure HRD

Internet Infrastructure HRD

2020 Workshop (1)

- **BGP Peering Workshop, May 20-22**
 - **Philip Smith (NSRC) with Viraphand Samadi (AIT) and Kittinan Sriprasert (BKNIX)**
- IS-IS design and best practices for Service Provider networks
- BGP protocol, attributes and policy control
- BGP scalability (including Route Reflectors and Communities)
- BGP Best Practices, including Aggregation
- BGP multihoming techniques (redundancy and load balancing)
- BGP Communities as used by Network Operators
- Peering Best Practices



Internet Infrastructure HRD

2020 Workshop (2)

- **Cyber Security Workshop (DNS Focused)**

Willem Toorop and Ralph Dolmans (NLnet Labs)

12-14 November, 2020 (tentative)

- NS concepts , BIND (DNS server) and Resolver (DNS client) , DNS debugging tools, troubleshooting, and techniques Reverse DNS , RNDG , Access control lists , TSIG , DNS security extensions (DNSSEC)
- DNS and IPv6, Secure DNS dynamic updates, DNS DDoS prevention with response rate limiting, DoT/DoH tradeoffs, DNS firewalls with RPZ , Passive DNS, DNS Security Analysis Threat Detection using passive DNS



IoT Workshops @ intERLab

<https://interlab.ait.ac.th/sea-hazemon-tein-workshop/>





E-Education

E-Education

- intERLab VClass learning platform by intERLab has been chosen for on-line courses by one of the ERASMUS MUNDUS (EU) project for interactive remote classrooms/labs for Manufactory





HRD through Academic & Research

Research Activities

<<https://interlab.ait.ac.th>>

- IoT and Future Internet Architecture (HAZEMON II)
- Air Quality Monitoring (Asia@Connect)
- Post-disaster networking – DUMBO
- Community Network
- Annual Academic Conference
 - AINTEC (2-4 December, 2020), Hiroshima, JAPAN <<https://interlab.ait.ac.th/aintec2020/>>
 - Hosted by the WIDE project

Future HRD?

- Less network engineering students — shortest of infrastructure engineers foreseeable
- More HRD through joint projects should be encouraged ****

New Curriculum on IoT

- Master degree curriculum
 - Networking
 - Data Science
 - System Engineering
- August semester at AIT, Thailand



Thank You