



Call for Paper & Fellowship

**12th APNG Camp
12-15 July, 2010
Hiroshima, Japan**

Prepared By:

**12th APNG Camp Committee Secretariat
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APNG Camp Background

Asia Pacific Networking Group (APNG) is a non-profit Internet organization dedicated to the advancement of networking infrastructure in the Asia Pacific region and to the research and development of all associated enabling technologies. Its key mission, among others is to contribute Internet Growth in the Asia Pacific (AP) through:

- Learning its history in each country and experience from seniors
- Sharing information among community
- Empowering Next Generation (APNG) activity through APNG Camps
- Providing a venue and opportunity of discussion for developing countries; and
- Challenging to create new Internet growth opportunity

Through its activities, it had spawned off a number of Asia Pacific organizations including Asia Pacific Network Information Centre (APNIC), Asia & Pacific Internet Association (APIA), Asia Pacific Top Level Domain Association (APTLD) and Asia Pacific Computer Emergency Response Team (APCERT). Today, APNG is the leading voice of Internet networking in the Asia Pacific Region.

APNG operates through Steering/Executive Committee and a Secretariat. It holds yearly meetings in different locations throughout the Asia Pacific Region. Each meeting is usually of 3-5 days long consisting of various seminars/workshops/presentations, focusing on current topics of interest related to networking.

12 APNG Camp - Overview

The 12th Asia Pacific Next Generation (APNG) Camp (<http://apngcamp.asia>) is planned to be held on 12 - 15 July 2010 at Hiroshima, Japan. The theme for the 12th Camp is:

“Collaborative Internet Innovation for Asia-Pacific”

Keeping the fact in our mind that the youth of today are the leaders of tomorrow, APNG and its camp activities are not only empowering the Next Generation who has the power of developmental assets and an innovative and fresh point of view on Internet Technology but also bonding and strengthening relationship among senior leaders and the young generation (or future generation) to share and discuss over perspectives of today’s Internet in Asia Pacific.

12 APNG Camp – Committees

Advisory Committee		
Tommy Matsumoto	JP	APNG Co-Chair
Ching Chiao	TW	APNG Co-Chair - DotAsia
Xing Li	CN	Advisory Member - Tsinghua University
Paul Wilson	AU	Advisory Member - APNIC
Prof. Kanchana	TH	Advisory Member - AIT
Prof. Kilnam Chon	KR	Advisory Member - KEIO University
Rajnesh Singh	US	Advisory Member - ISOC
Shariya Haniz Zulkifli	MY	Advisory Member - MYNIC
Prof. Hiroshi Esaki	JP	Advisory Member - Tokyo University
Prof. Shinji Shimojo	JP	Advisory Member - NICT / Osaka University
Koichi Suzuki	JP	Advisory Member - President & CEO IJ
Yoshitaka Senoh	JP	Advisory Member - Senior EVP of Fureai Channel (CATV)
Asako Toyoda	JP	Advisory Member - Deputy Mayor & CIO Hiroshima City

Camp Committee		
Tohru Kondo	JP	12 APNG Camp Co-Chair
Kashif Adeel	PK	12 APNG Camp Co-Chair (kashifadeel@gmail.com) & Working Group Chair eCulture and Green ICT
Hideya Ochiai	JP	12 APNG Camp Vice-Chair & Working Group Chair Ubiquitous Networking
Syarul Emy Abu Samah	MY	12 APNG Camp Vice-Chair & WG Chair Internet Technologies
Carmen Karam	EG	WG Chair Disaster Management and eHealth
Syed Shams Uddin Ahmad	PK	APNG Local Camp Chair
Hoa Minh Do	VN	Vice Chair eCulture and Green ICT

Program & Fellowship Committee		
Justinus Andjarwirawan	ID	Program Committee Chair
Hayato Morihiro	JP	Member - Program Committee
Akio Seki	JP	Member - Program Committee
Prof. Aibara	JP	Member - Program Committee (Hiroshima University)
Prof. Maeda	JP	Member - Program Committee (Hiroshima University)
Prof. Kondoh	JP	Member - Program Committee (Hiroshima University)
Ting Liu	CN	Fellowship Committee Chair
Hidenobu Watanabe	JP	Member - Fellowship Committee
Syed Shams Uddin Ahmad	PK	Member - Fellowship Committee
Xiaohui Shi	CN	Member - Sponsorship Committee

Camp Secretariat - sec@apngcamp.asia		
Elaine Cheng	HK	12 Camp Sec Director
Matthew Chun Wen Hoi	HK	12 Camp Sec
Sze Chiu Hung	HK	12 Camp Sec
Bianca Ho	HK	12 Camp Sec
Scott (JP) Local Contact	JP	Local Contact – Secretariat (Hiroshima)

12 APNG Camp - Call for Fellowship

Our very FIRST camp was held in Bangkok in year 2002 and ever since its inception, we had successfully organized 11 camps in the past. We are hoping to celebrate another important milestone in APNG history and achievements with 12th APNG Camp in Japan.

Today, the APNG Camp Committee cordially invites qualified applicants to apply for fellowship funding to participate in 12th APNG Camp in Japan.

Who can participate?

The APNG Camp Fellowship Program targets personnel from developing countries who are actively involved in Internet development, in any of the following roles:

- Young network architects, developers or engineers
- Young decision makers in government, educational, non-government, commercial or non-profit sectors related to Internet development
- Young on-line activists in (and not limited to) social science, business, environment, gender equivalence, entertainment, etc.

For more details, we advise you to read the "[Call for Paper](#)" section.

Award Package

Fellowship for International Applicants

Fellowship package will cover:

- a) Camp registration fees
- b) Local accommodation
- c) Local transportations
- d) (Full/part of) the roundtrip cheapest economy airfare (not more than 1,000 USD) and
- e) Lunch, Refreshments & Dinner that will be provided during camp period

Fellowship for Local Applicants

This is a special fellowship package to encourage participation from Japan youth who are interested/ involved in Internet Technology Development. Local fellowship package will cover:

- a) Camp registration fee
- b) Local accommodation (fellows from outside Hiroshima area only)
- c) Local transportation (train-fare/bus-fare) if necessary and
- d) Lunch, Refreshments & Dinner that will be provided during camp period.

Note: The final grant size is determined according to final costs and available funding, of which successful applicants will be duly informed

Eligibility & Selection Criteria

The fellowship recipients will be selected based on:

1. Residency in a developing country
2. Full-time/Part-time student of a university or college (public or private), or
3. Employed by Internet-related company and in the age less than 35 years old
4. Willingness to return to APNG Camp as a presenter or trainer in future
5. Willingness to work with APNG Working Groups
6. Willingness and capability to present your country's culture/heritage/traditions/costume
7. Dully complete Fellowship Application Form in all respect (refer to [12APNGCampFellowshipForm.xls](#))
8. 2-Page Paper along with the presentation slides (refer to [Call4Paper](#) Section below)

Note:

- The presentations/papers are expected to be aligned with one of the APNG working groups (refer to details of the [Working Groups](#) below)
- Applicants from any part of the world will be considered, however it is expected that the majority of fellows selected will be from Asia-Pacific region

Application Review Procedure

All applications will be reviewed by the APNG Fellowship Selection Committee and only those applications will be evaluated who meet the above-mentioned selection criteria and submitted to the camp secretariat within the defined timelines. The final decision of selecting any applicant is with Camp Chair / Executive Committee.

Dates to Remember

The following deadlines will apply to the APNG 12th Camp Fellowship Program:

- Public Announcement: 15 January 2010
- Fellowship Applications Deadline: 15 Feb 2010
- Selection Announcement: 15 Mar 2010

Application Procedure

If the above criteria apply to you and you are interested to join the AP future leaders, we encourage you to apply to the 12th APNG Camp; please submit the following to us on camp-cfp@apngcamp.asia

1. your application form [\(attached - 12APNGCampFellowshipForm.xls\)](#)
2. your presentation (authors should aim for presentations of 15 to 20 minutes duration, including question time)
3. your Paper (maximum of 2 pages) [\(click here to download the template\)](#)
4. All local camps fellows are required to complete the local camp report and submit it to shamsahmad@gmail.com / camp-cfp@apngcamp.asia along with fellowship applications before 15th March, 2010
5. Any inquiries about the Fellowship, please contact sec@apngcamp.asia

Note:

- To get good chances for fellowship you are required to complete the form in all respects along with the two pages paper and a presentation file
- After sending your application to camp-cfp@apngcamp.asia, you will receive an acknowledgement letter/email that your application is received. You may need to resend your application if you haven't received any acknowledgement letter from APNG secretariats before deadline

12 APNG Camp – Call for Papers

Call for paper is divided into four Working Groups:

- 1) eCulture and Green ICT
- 2) Internet Technology
- 3) Ubiquitous Networking
- 4) Disaster Management and e- Health

1. Working Group on e-Culture and Green ICT

One of the greatest threats to our society and the Next Generation is the global warming. It is estimated that the CO2 emissions of the ICT industry alone exceeds the carbon output of the entire aviation industry. The ICT industry and research community has a collective responsibility to address this problem. With a firm belief that **Asia Pacific Next Generation** will stand up to be the leaders in reducing Global Warming effect, protecting the world's nature and climate to create a more sustainable development for our people with a sustainable environment, Internet Culture Working Group (WG) introduces a new focus for discussion at the 12th APNG Camp: **Green ICT**, and thus, changing our WG name to **E-Culture and Green ICT** to emphasize the importance of being environmentally responsible to AP- ICT users and developers.

At the 12th APNG Camp, E-Culture and Green ICT Working Group would like to invite candidates who are interested in presenting their professional or academic research experiences (case studies/research papers) on the development of ICT and its implications in the Asia and Pacific to attempt to bring together a complete spectrum of social issues encountered regionally. The focus areas for the e-Culture & Green ICT WG include (but are not limited to):

a) Green ICTs:

- The Environmental Impacts of ICTs
- ICTs' Smart applications to tackle Climate Change
- Clean ICT Innovations for a Green Future
- Country - Specific case studies

b) E-Culture:

The topics from the previous APNG Camp's will be further discussed but their centre of attention will be How ICT and its applications have improved and developed human life.

- **E-Services**
 - e-Learning and e-News (online newspapers, online TV broadcasting etc.)
 - e-Health
 - e-Banking and e-Business

- e-Agriculture
 - Digital Governance (e-Governance, e-Democracy)
 - e-Contents (Local Content, language accessibility on Internet)
 - e-Entertainment (Online Games, online Karaoke, Online photo studios etc.)
 - e-Society (Facebook, Blogs, Twitter etc.)
-
- **ICTs for Marginalized People**
 - Digital Divide
 - Gender, Ethnic and ICT Issues
 - ICT for Disabilities
 - Internet Accessibilities

2. Working Group on Internet Technology

The 12th APNG Camp for Internet Technology Working Group seeks papers describing significant research contributions in the field of Internet Technology as a whole. We invite submissions on Next Generation of Internet Technology, Internet Humanity, Security and Privacy and Next Generation of Green Technology. We would like to invite research papers that encompass conceptual analysis, design implementation and performance evaluation.

The interest areas are as below (but not limited to):

- IPV6 Issues and its application
- Internet and Application Security
- Artificial Intelligence and Expert Systems
- Authentication and Access Control for Data Protection
- Issues of Internet Security
- Broadband access technologies
- Case Studies on Data Management, Monitoring and Analysis
- Challenges of Content Authoring
- Data Exchange issues and Supply Chain
- Data Grids
- Data and Information Quality Management
- Digital Libraries
- Data Models for Production Systems and Services
- Defense Systems
- Distributed Information Systems
- Government, and Corporate Internet Security Policy
- Information visualization
- Intelligent Multimedia Service and Data management
- IPSec Quality of Services
- Knowledge Management
- Mobile, Ad Hoc and Sensor Network Security
- Mobile Data Management
- Natural Language Processing
- Internet Technologies Regulation, Self-Regulation, and Co-Regulation
- Semantic Web and Ontology
- Trust, Privacy, and Data Security
- Web Metrics and its Applications
- Web Mining including Web Intelligence and Web 3.0
- Web Services
- Wireless Transactions
- Green Internet Technologies

3. Working Group on Ubiquitous Networking

Ubiquitous Networking WG calls for papers that provide technical discussions and field-experiences related to ubiquitous networking.

The topic includes the following but not limited to:

- Sensor and the Internet
- Sensor applications
- Facility networks
- Satellite communication
- Ad hoc networks
- Delay or disruption tolerant networks
- Opportunistic networks
- Overlay networks
- Wireless networks
- Wi-Fi application
- Wireless network security
- Wireless energy
- Wireless and linux embedded devices
- Wimax
- Operational experiences on sensors
- Operational experiences on wireless networking

4. Working Group on Disaster Management and e- Health

Asia and the pacific region is routinely exposed to almost every type of hazards, mainly natural. There should be a considerable scope for reducing hazards and improving disaster management in the region. In this work group we are mainly focusing how we can improve the **Disaster Management** and **eHealth** in the region as the joint effort. Following topics were discussed in earlier camps and would like to continue further discussions on those topics.

Topics

- Bring an awareness of the need for DM and available standards, technologies to the participants.
- Brain storm on types of disasters, categorize them and how would IT requirement differ.
- Promote DM solutions in respective countries of the participants.
- Form a group skilled in DM solutions who can volunteer to deploy and train in the event of a disaster.
- Identify other project areas that could collaborate with DM.
E.g. The live-e project
- Efficient Disaster response system design proposal
- Applicability of sensor network under disaster scenario.
- Disaster preparedness and pre- disaster situation monitoring.
- eHealth for Disaster Situation Management
- eHealth Systems and Security
- eHealth Management
- eHealth Records and Software
- eHealth Projects and Ideas
- Disaster Management Projects and Ideas

We are kindly Call for Paper/Presentations on above topics. However we may consider any relevant presentations on relevant projects and researches.