★インターネットアーキテクチャ研究会（IA）

専門委員長　吉田健一　副委員長　大崎博之・地引昌弘・中村　豊

幹事　松浦知史・義久智樹　幹事補佐　屏　雄一郎・山本　寛・渡辺俊貴

日時　11 月 12 日（木）　8：50〜18：00

　　　　13 日（金）　9：00〜12：35

会場　Narita View Hotel, Narita, Japan（700 Kosuge, Narita-shi, Chiba 286-0127, Japan. http://www.ieice.org/˜ia/IA2015/）

議題　IA2015-Workshop on Internet Architecture and Applications 2015

12 日午前　Opening and Welcome

1. Opening and Welcome

　　Shinji Shimojo（Osaka Univ.／Chair, ITRC）・Kenichi Yoshida（Univ. of Tsukuba／Chair, TCIA）

Disaster Response and ICT

2. ICT utilization for disaster management　　Shoko Miyagawa（Keio Univ.）

3. Report of applicability of ICT researches against disaster towards research in developing countries

　　Teruaki Yokoyama（Kobe Inst. of Computing）

4. Steps to Eliminating Information Shortfall on Disaster—A Consideration from Human Science—

　　Sakiko Kanbara（Univ. of Kochi）

5. Delay Tolerant Post-Disaster Information Collection Network for Communities

　　Jovilyn Therese Fajardo（Nagoya Univ.）

6. Supporting emegerncy relief for Nepal through Facebook community by a humanitarian worker

　　Masahiro Taniguchi（WFP）

7. Collecting and organizing of information in disaster acute phase by volunteers　　Dai Sato（Tohoku Univ.）

e-Health-1

8.〔招待講演〕　Chiang Mai mHealth Project：The Use of 4G Internet Technology for Collecting Public Health and Diseases Big Data　　Ekkarat Boonchieng（Chiang Mai Univ.）

9. Access Control Requirements for Personal Health Record：A survey

　　○Grerkgeart Wungpornpaiboon・Sangsuree Vasupongayya・Sinchai Kamolphiwong（Prince of Songkla Univ.）

10. The Flexibility of Healthcare Decision Support Services：Implementation Approach

　　○Wasin Passornpakorn・Sinchai Kamolphiwong（Prince of Songkla Univ.）

11. Finding Average Pathologic Lesio Volume from One Dimension CT Scan by Semi-automatically Select Area and Average Slop at 2 Points Conjunction Interpolation technique

　　○Piyavach Khunsongkiet・Ekkarat Boonchieng（Chiang Mai Univ.）

12 日午後　e-Health-2（13：20〜）

12.〔招待講演〕　Role of ICT for Quality Improvement in Emergency Medicine

　　Shoko Miyagawa（Keio Univ./CHORD-J）

13. Internet-based Surveillance System for Emerging Diseases Detection

　　○Khanita Duangchaemkarn（Chiang Mai Univ.）・Jaras Singkaew（Saraphi Hospital）・Ekkarat Boonchieng（Chiang Mai Univ.）

14. An Investigation of Security, Privacy, and Usability Issues of Personal Health Record Systems

　　○Phuwanai Thummavet・Sangsuree Vasupongayya・Sinchai Kamolphiwong（Prince of Songkla Univ.）

15. Challenge and issues in combination of smartphone and foot pressure device in fall detection system in elder people

　　○Romtham Sripotchanart・Petcharat Suriyachai（Prince of Songkla Univ.）

Network Architecture and Applications-1

16.〔招待講演〕　An Efficient Network-based Mobility Support in Software Defined Networks

　　○Shimin Sun・Li Han・Boyeong Mun・Sunyoung Han（Konkuk Univ.）

17. Automatic Conformance and Interoperability Tests for Software-Defined Networking

　　○Cheng-Mou Chiang・Yi-Lin Xie・Yung-Chiao Chen・Jiann-Liang Chen（NTUST）

18. Enhancing performance of cardinality analysis for faster network

　　○Shinichi Mori・Kenichi Yoshida・Akira Sato（Univ. of Tsukuba）

19. Autoconfiguration of L3 Network for Large-Scale Simulation Using Hierarchical/Automatic Number Allocation Protocol HANA　　Kenji Fujikawa（NICT）

Poster Session

20.〔ポスター講演〕　Poster：On Extending Buffer Space of the Scavenger Queue

〇Tananun Orawiwattanakul・Hideki Otsuki・Eiji Kawai・Shinji Shimojo（NICT）
21.〔ポスター講演〕 Implementation of cross layer Pub/Sub middleware and evaluation of join and leave performance
〇Masahiro Fujita・Toyokazu Akiyama（Kyoto Sangyo Univ.）・Ryohei Banno（Tokyo Inst. of Tech.）・Yuuichi Teranishi（NICT）
22.〔ポスター講演〕 A tool for constructing Mininet-based emulated networks over multiple nodes to accommodate for CPU-bound applications
〇Shintaro Ishihara・Toyokazu Akiyama（Kyoto Sangyo Univ.）・Katuyoshi Iida（Tokyo Inst. of Tech.）
23.〔ポスター講演〕 A Proposal of Inter-Cloud Network Scheme Using an IP Mobility Architecture MAT
〇Keita Iwasaki・Yuta Ukita・Daichi Fujimoto・Yasuhiro Ohishi・Kaori Maeda（Hiroshima City Univ.）・Tohru Kondo・Reiji Aibara（Hiroshima Univ.）
24.〔ポスター講演〕 Implementation of an IP Mobility Support Function Considering Portability to Android Terminals
〇Yuta Ukida・Yasuhiro Ohishi・Kaori Maeda（Hiroshima City Univ.）・Tohru Kondo・Reiji Aibara（Hiroshima Univ.）
25.〔ポスター講演〕 An Investigation of Effectiveness of an Estimation Method of Wireless Network Conditions using MAC Layer Informations
〇Takafumi Shintani・Kaori Maeda（Hiroshima City Univ.）・Tohru Kondo（Hiroshima Univ.）

13 日　Mobiel Architecture and Applications
1.〔招待講演〕 Distributed Heterogeneous Mobile IP
〇S. Kamolphiwong・T. Kamolphiwong（Prince of Songkla Univ.）
2. A Novel Self-Organizing Network for Small Cell Management
〇Chia-Ju Lin・Yu-Yao Chang・Hao-Kai Lin・Yung-Sheng Lee・Jiann-Liang Chen（NTUST）
3. Radio Network Audience Tracking Using Audio Fingerprinting-Based Systems
〇Sutthisak Sukhamsri・Ekkarat Boonchieng（Chiang Mai Univ.）
4. Inferring Number of Access on Internet Services using DNS Traffic
〇Akihiro Shimoda・Keisuke Ishibashi・Kazumichi Sato・Masayuki Tsujino・Takeru Inoue（NTT）・Masaki Shimura・Takanori Takebe・Kazuki Takahashi・Tatsuya Mori・Shigeki Goto（Waseda Univ.）
5. User Interface Generating by JSON Control Screen and Version Management on MongoDB
〇Chaowarit Ongkum・Ekkarat Boonchieng（Chiang Mai Univ.）

Network Architecture and Applications-2
6.〔招待講演〕 SDN based Wireless Networks Management　　Choong-Seon Hong（Kyung Hee Univ.）
7. Study on Appropriate TCP Congestion Control for WebQoE Improvement
〇Masaaki Shibata・Yoshihiro Ito（NIT）
8. Glean：The Framework of a Corporate Network Quality Data Assessing Engine　　Bismita Sahu（NTT Com）
9. Hamana：An Application-oriented Network Architecture with Service-driven Programmable Gateways
〇Jesu Petar Maglutac・Rinto Shimizu・Sunao Otake・Fumio Teraoka・Kunitake Kaneko（Keio Univ.）

Students Presentation Awards and Closing
◆日本学術振興会インターネット技術第 163 委員会共催
☆IA 研究会今後の予定 〔 〕内発表申込締切日
　12 月 17 日（木），18 日（金） 広島市大〔未定〕テーマ：性能評価とシミュレーション，信頼性技術，スループット やトラヒックの計測，品質（QoS）制御，輻輳制御，トラヒック・フロー制御，オーバレイネットワーク・P2P，IPv6，マルチキャスト，ルーチング，DDoS 及び一般
　1 月 29 日（金） 機械振興会館〔未定〕テーマ：センサネットワーク，IoT，M2M，一般
【発表申込先】 下記研究会発表申込システムからお申込み下さい．
　http://www.ieice.org/jpn/ken/kenmoushikomi.html
【問合先】
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◎IA 研究会ホームページ
　http://www.ieice.org/cs/ia/jpn/