

ICNP 2013 Poster and Demo session

Message from the ICNP 2013 Poster and Demo session

ICNP 2013 will hold a poster and demo session to showcase "work-in-progress". The poster session has been a successful regular event at ICNP in the past years and has attracted many bright ideas that have developed into mature conference and journal papers over time. Additionally, for the first time, we will be organizing a demo session along with it.

This year, we will have 18 Posters that were selected after a peer review process from 40 submissions and 4 Demos that were selected after a peer review process from 9 submissions. We hope that these sessions will provide a great chance for students and researchers to obtain feedback on their ongoing research from knowledgeable conference attendees. The abstracts of accepted posters and demos will be included in the proceedings and in IEEE eXplore.

Mayutan Arumathurai, University of Göttingen, Germany

Dan Li, Tsinghua University, China

Technical Program Committee

Jiachen Chen, University of Göttingen, Germany

Fangming Liu, Huazhong University of Science and Technology

Kai Chen, Hongkong university of Science and Technology

Yang Xu, Polytechnic Institute of New York University, USA

Demo Session

HTTP-CCN Gateway: Adapting HTTP Protocol to Content Centric Network

- Zhaogeng Li, Institute for Network Sciences and Cyberspace, Tsinghua University
Department of Computer Science, Tsinghua University
Tsinghua National Laboratory for Information Science and Technology (TNList).
- Jun Bi, Institute for Network Sciences and Cyberspace, Tsinghua University
Department of Computer Science, Tsinghua University
Tsinghua National Laboratory for Information Science and Technology (TNList)
- Sen Wang, Institute for Network Sciences and Cyberspace, Tsinghua University
Department of Computer Science, Tsinghua University
Tsinghua National Laboratory for Information Science and Technology (TNList)

Leveraging WebRTC for P2P Content Distribution in Web Browsers

- Christian Vogt, Hamburg University of Applied Science
- Max Jonas Werner, Hamburg University of Applied Science
- Thomas C. Schmidt, Hamburg University of Applied Science

Async: De-congestion and Yield Management in Cellular Data Networks

- Vijay Gabale, IBM Research, India
- Vinay Kolar, IBM Research, India
- Uma Devi, IBM Research, India
- Mukundan Madhavan, IBM Research, India
- Ravi Kokku, IBM Research, India

CNS: A Content-centric Notification Service

- Jiachen chen, University of Goettingen, Germany
- Mayutan Arumaithurai, University of Goettingen, Germany
- Xiaoming Fu, University of Goettingen, Germany
- K.K.Ramakrishnan, AT&T Labs-Research, U.S.A

Poster Session

An Economic Perspective on Traffic Attraction by Internet Transit Providers

- Pradeep Bangera, Institute IMDEA Networks and Carlos III University of Madrid, Spain
- Author 2 and affiliation: Sergey Gorinsky, Institute IMDEA Networks, Spain

The Impact of Large Flows in Content Centric Networks

- Younghoon Kim (Korea Advanced Institute of Science and Technology (KAIST))
- Yusung Kim (Sungkyunkwan University)
- Ikjun Yeom (Sungkyunkwan University)

Testing OpenFlow Interaction Property Based on Hierarchy CPN

- Lulu Dong, College of Computer Science, Inner Mongolia University
- Hua Li (**corresponding author**), College of Computer Science, Inner Mongolia University
- Nan He, College of Computer Science, Inner Mongolia University
- Yi Xing, College of Computer Science, Inner Mongolia University

A Two-Tier Content-Centric Architecture for Wireless Sensor Networks

- Jan Pieter Meijers , Department of E&E Engineering, Stellenbosch University, South Africa
- Marica Amadeo , Department DIIES, University "Mediterranea" of Reggio Calabria, Italy
- Claudia Campolo, Department DIIES, University "Mediterranea" of Reggio Calabria, Italy
- Antonella Molinaro , Department DIIES, University "Mediterranea" of Reggio Calabria, Italy
- Stefano Yuri Paratore, Department DIIES, University "Mediterranea" of Reggio Calabria, Italy
- Giuseppe Ruggeri, Department DIIES, University "Mediterranea" of Reggio Calabria, Italy
- Marthinus J. Booysen, Department of E&E Engineering, Stellenbosch University, South Africa

Community Classification on Decentralized Social Networks Based on 2-Hop Neighbourhood Information

- Pili Hu, Information Engineering Department of Chinese University of Hong Kong
- Wing Cheong Lau, Information Engineering Department of Chinese University of Hong Kong

Redundancy Control and Duplicate ACK Suppression Methods for TCP with FEC

- Yurino Sato, University of Kitakyusyu
- Hiroyuki Koga, University of Kitakyusyu
- Masayoshi Shimamura, Tokyo Institute of Technology
- Takeshi Ikenaga, Kyusyu Institute of Technology

On the Cascading Failures of Multi-Controllers in Software Defined Networks

- Guang Yao, Tsinghua University
- Jun Bi, Tsinghua University
- Luyi Guo, BUPT
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Augmented Multipath TCP Communications

- Matthieu Coudron, University Pierre et Marie Curie
- Stefano Secci, University Pierre et Marie Curie
- Guy Pujolle, University Pierre et Marie Curie

Modeling, Identifying, and Simulating Dynamic Adaptive Streaming over HTTP

- Andrew Reed, University of North Carolina at Chapel Hill
- Jay Aikat, University of North Carolina at Chapel Hill

Removing content consumers from mapping system

- Dan Wu, Tsinghua University
- Zhiliang Wang, Tsinghua University
- Xia Yin, Tsinghua University
- Xingang Shi, Tsinghua University
- Jianping Wu, Tsinghua University
- Min Huang, Tsinghua University

Multi-stream Frame Rate Guarantee using Cross-layer Synergy

- Ahsan Arefin, Computer Science, University of Illinois at Urbana-Champaign
- Klara Nahrstedt, Computer Science, University of Illinois at Urbana-Champaign

Dual-NAT: Dynamic Multipath Flow Scheduling for Data Center Networks

- Yu Cao, Tsinghua University
- Mingwei Xu, Tsinghua University
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On the Effectiveness of Sybil Defenses Based on Online Social Networks

- David Koll, University of Göttingen
- Jun Li, University of Oregon
- Joshua Stein, University of Oregon
- Xiaoming Fu, University of Göttingen

Disaster-tolerant Authentication System for NDN using Hierarchical ID-Based Encryption

- Takeo Ogawara, University of Tokyo
- Yoshihiro Kawahara, University of Tokyo
- Tohru Asami, University of Tokyo

vRGW: Towards Network Function Virtualization Enabled by Software Defined Networking

- Haiyong Xie, Huawei Central Research Institute and University of Science and Technology of China (USTC)
- Yanhua Li, Huawei Central Research Institute
- Jin Wang, University of Electronic Science and Technology of China (UESTC)
- Diego Lopez, Telefonica
- Tina Tsou, Huawei
- Yonggang Wen, Nanyang Technological University (NTU)

A Lightweight Many-to-Many Authentication Protocol for Near Field Communications

- Vitaly Petrov, Tampere University of Technology, Finland
- Maria Komar, Yaroslavl State University, Russia
- Prof. Yevgeni Koucheryavy, Tampere University of Technology, Finland

Enabling ICN in IP Networks Using SDN

- Markus Vahlenkamp, NEC Laboratories Europe
- Fabian Schneider, NEC Laboratories Europe
- Dirk Kutscher, NEC Laboratories Europe
- Jan Seedorf, NEC Laboratories Europe

On the Opportunistic Connectivity of Large-Scale Urban Vehicular Networks

- Xiangming Zhu, Tsinghua University
- Yong Li, Tsinghua University
- Depeng Jin, Tsinghua University
- Pan Hui, Hong Kong University of Science and Technology.