

Hoang Giang Ngo

Education

- 2010 – Present PhD student, 3rd year
University of Nice Sophia Antipolis, France
National Institute for Research in Computer Science and Control, France
Hanoi University of Science and Technology, Vietnam
- 2008 Master of Science in Information Technology
Hanoi University of Science and Technology, Vietnam
- 2004 Bachelor of Science in Information and Communication Technology
Hanoi University of Science and Technology, Vietnam

Research Experience

- 2010 – Present Co-operation of P2P systems
Inter-overlay routing
Communication architecture for AMI in Smart Grid
- 2008 – 2009 Performance improvement of Chord DHT under churn rate
- 2007 – 2008 Performance comparison of DHT under various churn rates
- 2004 – 2005 Quality of service over IP network

Publications

1. **Giang Ngo Hoang**, Luigi Liquori, and Hung Nguyen Chan, “*Backward-Compatible Cooperation of Heterogeneous P2P Systems*”, ICDCN, 2014, accepted.
2. **Giang Ngo Hoang**, Luigi Liquori, Vincenzo Ciancaglini, Petar Maksimovic, and Hung Nguyen Chan, “*A backward-compatible protocol for inter-routing over heterogeneous overlay networks*,” in Proceedings of ACM SAC, 2013.
3. Vincenzo Ciancaglini, Luigi Liquori, **Giang Ngo Hoang**, Petar Maksimovic, “*An Extension and Cooperation Mechanism for Heterogeneous Overlay Networks*”, in Proceedings of HetNETS Workshop, Networking 2012.
4. Vincenzo Ciancaglini, Luigi Liquori, **Giang Ngo Hoang**, “*Towards a Common Architecture to Interconnect Heterogeneous Overlay Networks*”, in Proceedings of ICPADS 2011.
5. **Giang Ngo Hoang**, Hung Nguyen Chan, Thu Le thi Xuan, “*Performance improvement of Chord DHT P2P protocol under high churn rate*”, in Proceedings of International Conferences on Advanced Technologies for Communication (ATC) 2009.

6. Hung Nguyen Chan, **Giang Ngo Hoang**, Thang Le Quang, Tan Pek Yew, “*Performance study of Chord, Kelips and Tapestry protocols on structured Peer-to-Peer Overlay networks*”, in press, Special issues of Post & Telecommunications & Information Technology Journal, 2008.
7. **Giang Ngo Hoang**, Hung Nguyen Chan, Thang Le Quang, “*Performance study of distributed hash table mechanisms on P2P overlay network under extreme conditions*”, Proceeding of International Symposium on Electrical-Electronics Engineering – ISEE 2007.
8. Hung Nguyen Chan, **Giang Ngo Hoang**, “*Simulation of Distributed Hash Tables Mechanisms on P2P Networks*”, in Proceeding of The 2nd Asia Pacific International Conference on Information Science and Technology (APIC-IST) 2007.
9. Nguyen Chan Hung, **Ngo Hoang Giang**, Tan Pek Yew - “*Performance Evaluation of Distributed Hash Table (DHT) Chord algorithm*”, Proceeding of Modeling of Complex System and Environment (MCSE) 2007.
10. Nguyen Chan Hung, **Ngo Hoang Giang**, Le Quang Thang, “*Comparative study on Distributed Hash Table algorithms of P2P network*”, in Proceeding 12th European Conference on Networks & Optical Communications (NOC), 2007.
11. Nguyen Chan Hung, **Ngo Hoang Giang**, “*IP QoS and its practical implementations in software router*”, proceeding of HUT-KAIST symposium for key technology, 2006.

Honors and Awards

- Government Scholarship during 5 years study at Hanoi University of Technology
- Excellent paper at The 2nd Asia Pacific International Conference on Information Science and Technology (APIC-IST 2007) Dec 2007, Hanoi, Vietnam.

Languages

Vietnam, English

References

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Luigi Liquori, H.d.R., Ph.D. Research Director, National Institute for Research in Computer Science and Control, France
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