

**ACM Transactions on Multimedia Computing, Communications and Applications
(TOMCCAP) Nicolas D. Georganas Best Paper Award**

The 2013 ACM Transactions on Multimedia Computing, Communications and Applications (TOMCCAP) Nicolas D. Georganas Best Paper Award is provided to the paper *Exploring interest correlation for peer-to-peer socialized video sharing* (TOMCCAP vol. 8, Issue 1) by Xu Cheng and Jiangchuan Liu.

The purpose of the named award is to recognize the most significant work in ACM TOMCCAP in a given calendar year. The whole readership of ACM TOMCCAP was invited to nominate articles which were published in Volume 8 (2012). Based on the nominations the winner has been chosen by the TOMCCAP Editorial Board. The main assessment criteria have been quality, novelty, timeliness, clarity of presentation, in addition to relevance to multimedia computing, communications, and applications.

In this paper the authors examine architectures for large-scale video streaming systems exploiting social relations. To achieve this objective, a large study of YouTube traffic was conducted and a cluster analysis performed on the resulting data. Based on the observations made, a new approach for video pre-fetching based on social relations has been developed. This important work bridges the gap between social media and multimedia streaming and hence combines two extremely relevant research topics.

The award honors the founding Editor-in-Chief of TOMCCAP, Nicolas D. Georganas, for his outstanding contributions to the field of multimedia computing and his significant contributions to ACM. He exceedingly influenced the research and the whole multimedia community.

The Editor-in-Chief Prof. Dr.-Ing. Ralf Steinmetz and the Editorial Board of ACM TOMCCAP cordially congratulate the winner. The award will be presented to the authors on October 24th 2013 at the ACM Multimedia 2013 in Barcelona, Spain and includes travel expenses for the winning authors.

Bio of Awardees:

Xu Cheng is currently a research engineer at BroadbandTV, Vancouver, Canada. He received the Bachelor of Science from Peking University, China, in 2006, Master of Science from Simon Fraser University, Canada, in 2008, and PhD from Simon Fraser University, Canada, in 2012. His research interests included multimedia networks, social networks and overlay networks.



Jiangchuan Liu is an Associate Professor in School of Computing Science, Simon Fraser University, British Columbia, Canada. He received BEng(cum laude) from Tsinghua University in 1999 and PhD from HKUST in 2003, both in computer science. He is a co-recipient of ACM Multimedia'2012 Best Paper Award, IEEE Globecom'2011 Best Paper Award, IEEE Communications Society Best Paper Award on Multimedia Communications 2009, as well as IEEE IWQoS'08 and IEEE/ACM IWQoS'2012 Best Student Paper Awards. His research interests are in



networking and multimedia. He served on the editorial boards of IEEE Transactions on Multimedia, IEEE Communications Tutorial and Surveys, and IEEE Internet of Things Journal. He will be TPC co-chair for IEEE/ACM IWQoS'2014 at Hong Kong.