TABLE OF CONTENTS: ONLINE SUPPLEMENT VOLUME 13, NUMBER 3s

This is the Table of Contents for the most recent online-only supplemental issue TOMM 13(3s). Please find this supplemental issue in the ACM Digital Library and enjoy reading these articles!

Special Section on Deep Learning for Mobile Multimedia

Introduction to Special Issue on Deep Learning for Mobile Multimedia

Minh Son Dao, Francesco G. B. De Natale

Article 33

DOI: <http://dx.doi.org/10.1145/3088340>

Deep Learning for Mobile Multimedia: A Survey

Kaoru Ota, Minh Son Dao, Vasileios Mezaris, Francesco G. B. De Natale

Article 34

DOI: <http://dx.doi.org/10.1145/3092831>

Deep Artwork Detection and Retrieval for Automatic Context-Aware Audio Guides

Lorenzo Seidenari, Claudio Baccchi, Tiberio Uricchio, Andrea Ferracani, Marco Bertini, Alberto Del Bimbo

Article 35

DOI: <http://dx.doi.org/10.1145/3092832>

Mobile Multi-Food Recognition Using Deep Learning

Parisa Pouladzadeh, Shervin Shirmohammadi

Article 36

DOI: <http://dx.doi.org/10.1145/3063592>

Enhancing Transmission Collision Detection for Distributed TDMA in Vehicular Networks

Sailesh Bharati, Hassan Aboubakr Omar, Weihua Zhuang

Article 37

DOI: <http://dx.doi.org/10.1145/3092833>

Spott: On-the-Spot e-Commerce for Television Using Deep Learning-Based Video Analysis Techniques

Florian Vandecasteele, Karel Vandenbroucke, Dimitri Schuurman, Steven Verstockt

Article 38

DOI: <http://dx.doi.org/10.1145/3092834>

A Tucker Deep Computation Model for Mobile Multimedia Feature Learning

Qingchen Zhang, Laurence T. Yang, Xingang Liu, Zhikui Chen, Peng Li

Article 39

DOI: <http://dx.doi.org/10.1145/3063593>

2017 Copyright is held by the owner/author(s).

1551-6857/2017/10-ART47e

<https://doi.org/10.1145/3143786>

Special Section on Best Papers from ACM MMSys/NOSSDAV 2016

Best Papers of the 2016 ACM Multimedia Systems (MMSys) Conference and Workshop on Network and Operating System Support for Digital Audio and Video (NOSSDAV) 2016

Christian Timmerer, Ali C. Begen

Article 40

DOI: <http://dx.doi.org/10.1145/3084539>

Distributed Rate Allocation in Switch-Based Multiparty Videoconferencing System

Stefano D'Aronco, Sergio Mena, Pascal Frossard

Article 41

DOI: <http://dx.doi.org/10.1145/3092835>

Design and Performance Evaluation of Network-assisted Control Strategies for HTTP Adaptive Streaming

Giuseppe Cofano, Luca De Cicco, Thomas Zinner, Anh Nguyen-ngoc, and Phuoc Tran-gi

Article 42

DOI: <http://dx.doi.org/10.1145/3092836>

On Optimizing Adaptive Algorithms Based on Rebuffering Probability

Piotr Wisniewski, Jordi Mongay Batalla, Andrzej Beben, Piotr Krawiec, Andrzej Chydzinski

Article 43

DOI: <http://dx.doi.org/10.1145/3092837>

An SDN Architecture for Privacy-Friendly Network-Assisted DASH

Jan Willem Kleinrouweler, Sergio Cabrero, Pablo Cesar

Article 44

DOI: <http://dx.doi.org/10.1145/3092838>

Design and Analysis of QoE-Aware Quality Adaptation for DASH: A Spectrum-Based Approach

Cong Wang, DivyashriV Bhat, Amr Rizk, Michael Zink

Article 45

DOI: <http://dx.doi.org/10.1145/3092839>

Cloud-Assisted Crowdsourced Livecast

Cong Zhang, Jiangchuan Liu, Haiyang Wang

Article 46

DOI: <http://dx.doi.org/10.1145/3095755>