

Editorial Notes

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Welcome to the May 2017 edition of the IEEE Distributed Processing Technical Committee's Newsletter. This volume includes interesting articles, job advertisements, upcoming conferences.

The IEEE Computer Society Technical Committee on Distributed Processing (TCDP) is the ideal and appropriate organization to:

- Foster and provide a fertile ground of our conferences.
- Provide a forum for discussing all activities related to distributed processing.
- Accept and publish through newsletters short articles from TCDP members.
- Announce job advertisements.
- Distribute to this community call for papers.
- Announce upcoming conferences.

1. Interesting Articles/Papers

Network traffic provides early indication of malware infection

See more at: <https://www.sciencedaily.com/releases/2017/05/170522081530.htm>

Combination of features produces new Android vulnerability

See more at: <https://www.sciencedaily.com/releases/2017/05/170523083601.htm>

Toward mass-producible quantum computers

See more at: <https://www.sciencedaily.com/releases/2017/05/170526084521.htm>

Dynamic IaaS Computing Resource Provisioning Strategy with QoS Constraint

See more at: <http://ieeexplore.ieee.org/document/7177115/>

Online Virtual Machine Placement for Increasing Cloud Provider's Revenue

See more at: <http://ieeexplore.ieee.org/document/7128735/>

Multi-Objective Optimization in Dynamic Content Adaptation of Slide Documents

See more at: <http://ieeexplore.ieee.org/document/7122919/>

A Dynamic Approach for Workload Partitioning on GPU Architectures

See more at: <http://ieeexplore.ieee.org/document/7750565/>

Ephemeral Content Popularity at the Edge and Implications for On-Demand Caching

See more at: <http://ieeexplore.ieee.org/document/7581058/>

Fast, Ad Hoc Query Evaluations over Multidimensional Geospatial Datasets

See more at: <http://ieeexplore.ieee.org/document/7027809/>

2. Job Advertisements

- Chinese Academy of Sciences, Shenzhen Institutes of Advanced Technology, Center for Cloud Computing Research is looking for postdoctoral research fellows as well as PhD students with a strong background in one or more of the following disciplines: distributed systems, algorithms, machine learning, data mining, statistical analysis, networking systems, control systems. Contact: Nikos Tziritas, nikolaos@siat.ac.cn, or Xi Zhang, xi.zhang@siat.ac.cn.

You can visit our website here (currently only in Chinese language): <http://cloud.siat.ac.cn/cloud/>.

- Research Associates (Postdocs) in Active Learning for Design of Complex Systems (M/F), University of Luxembourg.

Apply here:

<https://emea3.recruitmentplatform.com/appproc/index.cfm?event=createSessionAfterSessionClear&ID=QMUFK026203F3VBQB7V7VV4S8&jobboard=0&nPTID=10232&bSessionClear=true&nPr ofileIdFoundInAGP=Research Fellow, National University of Singapore.>

- Postdoctoral Researcher in Pervasive Computing, Aalto University.

Apply here: <http://www.aalto.fi/en/about/careers/jobs/view/1333/>

- Postdoctoral Research Fellow - Big Data Computing, Advanced Systems and Analytics Southern University of Science and Technology.

Apply here: <http://www.sustc.edu.cn/>

TCDP members are welcome to suggest new job advertisements that can be included in our future newsletters. You can send any job advertisement to Dr. Nikos Tziritas, nikolaos@siat.ac.cn.

3. Upcoming Conferences

3.1 Call for papers

INFOCOM

Paper submission: July 31, 2017

Place: Honolulu

Conference Dates: April 15-19, 2018

POPL

Paper submission: July 7, 2017

Place: Los Angeles, USA

Conference Dates: January 8-13, 2018

http://conf.researchr.org/home/POPL-2018?utm_source=researchbib

PDCAT

Paper submission: July 8, 2017

Place: Taipei, Taiwan

Conference Dates: December 18-20, 2017

<http://pdcat17.csie.ntust.edu.tw/index.php>

HPCC

Paper submission: June 15, 2017

Place: Bangkok, Thailand

Conference Dates: December 18-20, 2017

<http://hpcl.seas.gwu.edu/hpcc2017/committees.html>

ICPADS

Paper submission: July 1, 2017

Place: Shenzhen, China

Conference Dates: December 15-17, 2017

<http://futurenet.szu.edu.cn/icpads2017/>

3.2 Call for participation

ICDCS

Conference Dates: June 5 - 8, 2017

Place: Atlanta, USA

<https://icdcs2017.gatech.edu/>

NAS

Place: Shenzhen, China

Conference Dates: August 7-8, 2017

<http://www.nas-conference.org/NAS-2017/index.html>

Euro-Par

Conference Dates: August 30 – September 1, 2017

Place: Spain

<http://europar2017.usc.es/#euro-par-2017>

PODC

Conference Dates: July 25-28, 2017

Place: Washington, USA

[http://www.podc.org`](http://www.podc.org)

ICS

Conference Dates: June 14-16, 2017

Place: Chicago, USA

<http://press3.mcs.anl.gov/ics2017/>

HPDC

Conference Dates: June 26- June 30, 2017

Place: Washington, USA

<http://www.hpdc.org/2017/>

ICPP

Conference Dates: August 14 - 17, 2017

Place: Bristol, UK

<http://www.icpp-conf.org/2017/index.php>

SIGCOMM

Conference Dates: August 21- 25, 2017

Place: Los Angeles, USA

<http://conferences.sigcomm.org/sigcomm/2017/>

GLOBECOM

Conference Dates: September 4-8, 2017

Place: Singapore

<http://globecom2017.ieee-globecom.org>

MASCOTS

Conference Dates: September 20- 22, 2017

Place: Alberta, Canada

<http://mascots2017.cs.ucalgary.ca/index.html>

SoCC

Conference Dates: September 25-27, 2017

Place: California, USA

<https://acmsocc.github.io/2017/>

ICCAC

Conference Dates: September 18-22, 2017

Place: Arizona, USA

<http://autonomic-conference.org/iccac-2017/>

DISC

Place: Vienna, Austria

Conference Dates: October 16-20, 2017

<http://www.disc-conference.org/wp/disc2017/>