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:
- Postdoctoral Researcher in Pervasive Computing, Aalto University.


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

  **Apply here:** [http://www.sustc.edu.cn/](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

**PDCAT**
Paper submission: July 8, 2017
Place: Taipei, Taiwan
Conference Dates: December 18-20, 2017

**HPCC**
Paper submission: June 15, 2017
Place: Bangkok, Thailand
Conference Dates: December 18-20, 2017
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

Euro-Par
Conference Dates: August 30 – September 1, 2017
Place: Spain

PODC
Conference Dates: July 25-28, 2017
Place: Washington, USA
http://www.podc.org/

ICS
Conference Dates: June 14-16, 2017
Place: Chicago, USA

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
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  

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  

DISC  
Place: Vienna, Austria  
Conference Dates: October 16-20, 2017  