IEEE COMPUTER SOCIETY

IEEE COMPUTER SOCIETY
TCCC
Technical Committee on Computer Communications

| June 2020 Newsletter | http://cs-tccc.org/ |

Editorial

We are pleased to send you a copy of the June 2020 newsletter today. The focus is to give you a brief overview of implications of the Corona virus restrictions to the TCCC supported conferences. This issue of the TCCC Newsletter has been edited by TCCC Communications Chair Matthias Frank (matthew@cs.uni-bonn.de). Reach out to him if you have any content to publish in a future issue.

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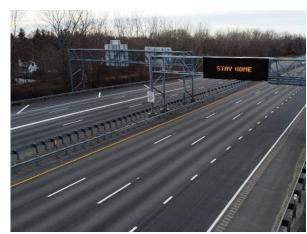
TCCC supported activities at a glance

LCN   IPCCC   SMARTCOMP   N2 Women

CNSM   ICMU   ICOIN   PerCom

Student participation grants   TCHPC   WoWMoM

1. Summary of Corona implications on TCCC supported conferences
By Matthias Frank (University of Bonn, Germany)

The COVID-19 situation all around the world is strongly influencing everybody's life. This short report intends to give an overview on the changes to the TCCC supported conferences.

IEEE PerCom 2020 was scheduled to be held in the last week of March 2020 in Austin, Texas, USA. It probably was among the first conference events that needed to be turned into a fully virtual event. Although this had to be implemented at very short notice, the conference was a great success!

Some of the upcoming conferences in 2020 still have submission deadlines open, please see the calendar of upcoming (TCCC) conference deadlines further back in our newsletter.

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The 21st IEEE WoWMoM was re-scheduled from June to August/September 2020, and meanwhile it was decided to have WoWMoM also in an all-digital conference experience.

The **6th edition of IEEE SMARTCOMP** was re-scheduled also from June to start on September 14, 2020. As of the time of this writing, it is planned to be held in presence in Bologna, Italy.

"Coronavirus Close Up Image" by danielfoster437 is licensed under CC BY-NC-SA 2.0

The **39th IEEE IPCCC** is planned for November 6th to 8th 2020 in Austin, Texas, USA. **Some deadlines are still open!**

The **45th IEEE LCN** was intended to be held in Sydney, Australia for the third time in its long-standing history. It will take place November 16 – 19, 2020, but the organizers have also decided to hold LCN virtually. **LCN deadlines are also still open!**

The **IEEE PerCom** team is already planning for **2021**: It is announced to visit the city of Kassel, which is located at the geographic center of Germany. If you want to submit a **workshop proposal** for PerCom, this **deadline is already very close** ahead now!

2. TCCC Sponsored Conferences

IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM)

WoWMoM's programme focuses on wireless networking technologies and their key role in future Internet scenarios. The symposium addresses the increasing wealth of opportunities for distributing multimedia contents over wireless networks, enabling dissemination of professional contents to mobile users as well as sharing user-generated contents among them. Users will be able to retrieve, publish, and manage information, communicate with other users or devices, access and author services, and create and exploit context-awareness.

The 21st IEEE WoWMoM was originally planned to be in Cork, Ireland in June 2020, but was re-scheduled to 31st August until 3rd September 2020. Meanwhile, the decision was made to hold WoWMoM virtually in an all-digital conference experience.

http://www.cs.ucc.ie/wowmom2020/

IEEE International Conference on Smart Computing (SMARTCOMP)

SMARTCOMP is the premier IEEE conference on smart computing. Smart computing is based on the synergistic combination of advances in Sensor-based technologies, the Internet of Things (IoT), Cyber-Physical Systems, Edge cloud computing, Big Data analytics, Machine Learning, Cognitive Computing, and Artificial Intelligence.

IEEE SMARTCOMP 2020 RESCHEDULED

Now Taking Place from 14th September 2020 to 17th September 2020.

The safety and well-being of all conference participants is our priority. After evaluating the current COVID-19 situation, the organizing committee has decided to postpone IEEE SMARTCOMP 2020 from 22nd June to 25th June and reschedule it for 14th September 2020 to 17th September 2020. The conference will still take place in Bologna, Italy. Proceedings will not be cancelled, and publications will continue as planned. We regret any inconvenience this may cause, and your understanding is appreciated.

http://www.smart-comp.org/

The 6th edition of SMARTCOMP was re-scheduled from June 2020 to September 14 – 16, 2020 to be in Bologna, Italy.

TCCC Sponsored Conferences (continued)

IEEE International Performance Computing and Communications Conference (IPCCC)

The International Performance, Computing, and Communications Conference is a premier IEEE conference presenting research in the performance of computer and communication systems. For over three-and-a-half decades, IPCCC has been a research forum for academic, industrial, and government researchers.

IPCCC 2020 is planned for November 6th to 8th, 2020 in Austin, Texas, USA.

Deadlines for workshop proposals, conference paper abstracts are coming soon. IPCCC poster and IPCCC workshop paper are in July and end of August.

39th IEEE -- International Performance Computing and Communications Conference

IPCCC 2020

(conference #50635)

November 6th - 8th 2020

Austin, Texas, USA

http://ipccc.org/

IEEE International Conference on Local Computer Networks (LCN)

The IEEE LCN conference is the premier conference on theoretical and practical aspects of computer networking. LCN is highly interactive, enabling an effective interchange of results and ideas among researchers, users, and product developers. Major developments from high-speed networks to the global Internet to specialized sensor networks have been reported at past LCNs.

http://www.ieeelcn.org/

IEEE 45th LCN 2020 was planned to be November 16 – 19, 2020, in Sydney, Australia, which would have been the third time to be in Sydney. Meanwhile, the decision was made to hold LCN virtually in an all-digital conference experience.

Deadlines for LCN conference and symposium papers are still open, LCN demo submission is due in early September 2020.

TCCC Sponsored Conferences (continued)

IEEE International Conference on Pervasive Computing and Communications (Percom)

IEEE PerCom 2020 in March was one of the first conference events that was turned into a fully virtual event. Although this had to be implemented at very short notice, the conference was a great success!

IEEE PerCom is the premier conference for presenting scholarly research in pervasive computing and communications. Advances in this field are leading to innovative platforms, protocols, systems, and applications for always-on, always-connected services.

In 2021, PerCom will visit Kassel, situated at the geographic center of Germany and a dynamic industrial and cultural city. It is known for its UNESCO World Heritage site 'Bergpark Wilhemshöhe' and famous for a leading exhibition of contemporary art 'documenta'.

http://www.percom.org/

IEEE PerCom 2021 is planned for March 22-26, 2021 in Kassel, Germany.

Recent Technically Co-Sponsored Conferences

- 34th of the International Conference on Information Networking
  (ICOIN 2020)   http://www.icoin.org/
- 15th International Conference on Network and Service Management
  (CNSM 2019)   http://cnsm-conf.org/2019/
- 12th International Conference on Mobile Computing and Ubiquitous Networking
  (ICMU 2019)   http://www.icmu.org/icmu2019/
- 18th IFIP Networking 2019 Conference
  (NETWORKING 2019) https://networking.ifip.org/2019/
- International Conference on Networked Systems
  (NetSys 2019)   http://netsys2019.org/

For a full list of past technically co-sponsored TCCC conferences
See https://cs-tccc.org/supports/tcs/

3. Calendar of upcoming (TCCC) conference deadlines & dates

Submission deadlines:

June 19, 2020 (soon!)	PerCom workshop proposal submission
June 22, 2020 (soon!)	IPCCC workshop proposal submission
July 1, 2020	IPCCC conference paper abstract due
July 3, 2020 (extended!)	LCN conference paper submission
July 3, 2020 (extended!)	LCN symposium paper submission
July 15, 2020	IPCCC poster paper due
August 31, 2020 (tentative)	IPCCC workshop paper submission
September 8, 2020	LCN demo submission
September 28, 2020	PerCom paper EDAS registration
Nov 9, 2020 (tentative)	PerCom workshop paper submission

Dates of the conferences:

August 31 – September 3, 2020	21st IEEE WoWMoM, Cork (Ireland) – **VIRTUAL**
September 14-17, 2020	6th IEEE SMARTCOMP, Bologna (Italy)
November 6-8, 2020	39th IEEE IPCCC, Austin, Texas (USA)
November 16-19, 2020	45th IEEE LCN, Sydney (Australia) - **VIRTUAL**
March 22-26, 2021	19th IEEE PerCom, Kassel (Germany)

2020 TCCC Executive Committee

The Executive Committee of the TCCC is chaired by the TCCC Chair, directs the operations of the TCCC and determines the budget and nature of TCCC activities:

TCCC Chair:	**Andreas Reinhardt**, TU Clausthal, Germany
TCCC Past Chair:	**Nils Aschenbruck**, University of Osnabrück, Germany
Treasurer:	**Frank Huebner**, U.S.A.
Conference Liaison Chairs:	**Salil Kanhere**, The University of New South Wales, Australia
	Burkhard Stiller, University of Zürich, Switzerland
Industry Chair:	**Girish Revadigar**, Huawei International Pte. Ltd., Singapore
Student Outreach Chair:	**Matthias Wübbeling**, University of Bonn and Fraunhofer FKIE, Germany
History Chair:	**Joe Bumblis**, IEEE TCCC Executive Committee, U.S.A.
Communications Chair:	**Matthias Frank**, University of Bonn, Germany
TCHPC Representative:	**Anura Jayasumana**, Colorado State University, U.S.A.

What would you like to read in the next TCCC newsletter?

Call for contributions!

We are soliciting contributions for our TCCC newsletter. This maybe any piece of information like

- Call for Papers/Workshops/Demos/Posters/Participation/...
- Job offer related to TCCC
- Information of general relevance for the TCCC members
- Information on conference award recipients (best paper, best demo, travel grants, ...)
- Experience reports from conferences and workshops

If you are missing an important topic that should be mentioned as well, please let us know! (matthew@cs.uni-bonn.de) We plan to send out a TCCC newsletter about every few months, depending on availability of relevant content.

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TCCC

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IPCCC 2020 Call for Proposals

The 39th IEEE International Performance Computing and Communications Conference (IEEE IPCCC 2020) will be held in Austin, Texas, USA, November 6--8, 2020. In addition to the main conference's technical program, IPCCC 2020 is soliciting proposals for one-day workshops to be held in conjunction with the main conference. Workshops on any topic related to the broad set of research and application areas covered by the IPCCC conference are welcome, particularly on topics that represent new research areas and directions. The workshops will be an integral part of IPCCC 2020 and will be fully incorporated into its logistical and budget planning process. Workshop papers will be published in the same set of proceedings as the main conference, and available on IEEE Xplore. At least one author of each accepted paper is required to register at the full registration rate, and needs to present the paper at the workshop. No-show workshop papers will be excluded from the conference proceedings.

Workshop proposals should include the following material:

- A statement of title, scope and topics of the workshop
- A description and rationale for the workshop topics and its relevance to the IPCCC community
- A statement of interest for co-locating the workshop with IPCCC
- A draft call for papers
- Tentative committee lists
- Background information on past instances of the workshop, if any;
- Expected number of submissions and accepted papers
- Expected numbers of attendees

Proposals should be submitted to the workshop chair by email as ASCII or PDF files only.

Important dates for workshop proposals: (Tentative timeline, subject to change in response to the COVID-19.)

- Workshop Proposal Deadline 22nd June, 2020
- Notification of Workshop Acceptance 29th June, 2020
- Workshop Final Call for Papers 6th July, 2020

Important workshop dates: (Tentative timeline, subject to change in response to the COVID-19.)

- Paper Submissions: 31st August, 2020
- Paper Acceptance Notifications: 5th October, 2020
- Camera-ready Deadline: 26th October, 2020
- Workshop Date: 29th November, 2020

IEEE IPCCC 2020 Workshop Co-Chairs

Yanhua Li (yli15@wpi.edu) and Ruozhou Yu (ryu5@ncsu.edu)

CALL FOR PAPERS

39th IEEE International Performance, Computing and
Communications Conference
http://ipccc.org

November 6th - 8th, 2020
Hilton Austin
Austin, Texas, USA

The International Performance, Computing, and Communications Conference is a premier IEEE conference presenting research in the performance of computer and communication systems. For nearly four decades, IPCCC has been a research forum for academic, industrial, and government researchers. We encourage submission of high-quality papers reporting original work in both theoretical and experimental research areas.

COVID-19 STATEMENT
We are closely monitoring the development of COVID-19 and the guidelines from IEEE, WHO and US/Texas/Austin CDC. If needed, IEEE IPCCC 2020 will provide flexible presentation and attendance options to the affected authors such as remote virtual presentations. All presented papers will be included in the conference proceedings and published in IEEE Xplore.

HOT TOPICS FOR IPCCC 2020
Topics of interest include, but are not limited to:

- Big Data Processing and Analytics
- Edge Computing
- Crowdsourcing Systems
- Cyber Physical Systems
- Data Centers and Cloud Computing
- Embedded Systems
- Internet of Things
- Network Protocols
- Multimedia Networking
- Network Data Mining
- Security and Privacy
- Ubiquitous Computing
- Software Defined Networking
- Cache, Memory, and Disk Storage Systems
- Fundamental Theory and Algorithms for Computing and Communication Systems
- Named Data Networking
- Mobile Augmented/Virtual/Mixed Reality
- Blockchain and Distributed Ledger

- Internet Services and Network Management
- Many-core and Heterogeneous Computing
- Mobile Ad Hoc, Sensor and Mesh Networks
- Network Information Assurance and Security
- Online Social Network Analysis
- Parallel and Distributed Systems
- Performance Evaluation and Modeling for Computing and Communication Systems
- Smart Grid and Intelligent Mission Critical Operations
- Smart Health Systems, Wearable, and Implantable Systems
- Smartphone and Mobile Applications
- Wireless Communication and Networks
- Workload Characterization & its Impacts on Architecture Design
- Networks on Chip
- AI-assisted Networking and Systems

SUBMISSION GUIDELINES

Paper submissions should be formatted according to the IEEE standard double-column format with a font size of 10 pt or larger with a maximum of **8 pages for full papers** and **2 pages for poster papers**. Please refer to the IEEE formatting instruction for details:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Submissions should represent original research results and may not be under review or accepted for publication in another venue. All papers should be submitted through the **EDAS** system:

https://www.edas.info/newPaper.php?c=27405

For any questions regarding paper submissions, please refer to the conference website http://ipccc.org for more details.

IMPORTANT DATES

Paper Abstract Due:	July 1, 2020	Acceptance Notification:	August 31, 2020
Poster Paper Due:	July 15, 2020	Camera Ready Due:	September 11, 2020
Full Paper Due:	July 15, 2020		

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                           Call for Papers
    The 45th Annual IEEE Conference on Local Computer Networks (LCN 2020)
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Sydney, Australia
November 16-19, 2020
http://www.ieeelcn.org
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Announcement: After evaluating the current COVID-19 situation, the decision has been made to transform the in-person component of The 45th IEEE Conference on Local Computer Networks (LCN) into an **all-digital conference** experience – IEEE LCN 2020 will now be an online event. Therefore, **IEEE LCN 2020 will no longer take place in Sydney, Australia, but will instead take place virtually**. The conference dates remain the same [November 16-19, 2020]. Publications will continue as planned and there will be proceedings. Presentations of accepted papers of the main conference, symposium, poster session and doctoral track will be organized so that authors can present their papers at a **convenient time** from their respective locations.

Scope: The IEEE LCN conference is the premier conference on the leading edge of theoretical and practical aspects of computer networking. LCN is a highly interactive conference that enables an effective interchange of results and ideas among researchers, users, and product developers. For the past 44 years, major developments from high-speed networks to the global Internet to specialized sensor networks have been reported at this conference.

Authors' info: Authors are invited to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal. Full papers (up to 12 pages, 10 pt font in IEEE format) should present novel perspectives within the general scope of the conference. A Doctoral Track provides a supportive setting for Ph.D. students to discuss their problem statement, goals, methods and results, obtain feedback from established researchers and establish contacts for entering the job market. The LCN Symposium provides an opportunity to present early work-in-progress that shows exciting promise in Emerging Topics in Networking. Finally, short papers (up to 4 pages) are an opportunity to present preliminary or interim results on hot topics in a poster session. Papers must be registered on EDAS and submitted in PDF format. Detailed submission instructions are available at the conference website.

LCN Important Dates
Paper registration: July 3 (Extended), 2020
Paper submission : July 3 (Extended, 2020
Notification   : September 4, 2020
Final paper   : October 16, 2020

Contact: Direct your questions to the conferences Chairs:
 * General Chair: Karl Andersson < karl.andersson@ltu.se>
 * TPC Chair: Hwee-Pink Tan <hptan@smu.edu.sg>
 * TPC co-chair: Lyes Khoukhi <lyes.khoukhi@utt.fr>
 * Symposium Chair: Eyuphan Bulut ebulut@vcu.edu

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                            Call for Papers
            LCN Symposium on Emerging Topics In Networking
            (In conjunction with the 45th Annual IEEE Conference on
                    Local Computer Networks (LCN 2020))
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Sydney, Australia
November 16-19, 2020
http://www.ieeelcn.org

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Announcement: After evaluating the current COVID-19 situation, the decision has been made to transform the in-person component of The 45th IEEE Conference on Local Computer Networks (LCN) into an **all-digital conference** experience – IEEE LCN 2020 will now be an online event. Therefore, **IEEE LCN 2020 and LCN Symposium will no longer take place in Sydney, Australia, but will instead take place virtually**. The conference and symposium dates remain the same [November 16-19, 2020]. Publications will continue as planned and there will be proceedings. Presentations of accepted papers of the symposium will be organized so that authors can present their papers at a **convenient time** from their respective locations.

Scope: The LCN Symposium will be held as part of the 45th Annual IEEE Conference on Local Computer Networks (LCN 2020). The symposium provides an opportunity to present early work in-progress that shows exciting promise. The aim of the Symposium is to enable timely discussion of novel ideas and challenging future directions on emerging topics in networking. Submissions in areas such as, but not limited to, the following are encouraged:

- Machine Learning in Networking
- IoT and M2M Communications
- 5G and Beyond
- Network and Cloud Security
- Software Defined Networks

Authors' info: Symposium papers can be up to 12 camera-ready pages (10 pt font in IEEE format) and will be published in the proceedings and IEEE Xplore. All papers must include title, complete contact information for all authors, abstract, and keywords on the cover page. IEEE reserves the right to remove papers from IEEE Xplore that are not presented at the conference. Papers must be registered on EDAS and submitted in PDF format. Detailed submission instructions are available at the conference website.

Symposium Important Dates
Paper submission : July 3(Extended), 2020
Notification   : September 4, 2020
Final paper   : October 16, 2020

Contact: Direct your questions to the conferences Chairs:
 * Symposium Chair: Eyuphan Bulut ebulut@vcu.edu

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