HOTNETS 2018 : ACM Workshop on Hot Topics in Networks

in Conferences [1]   *Posted on May 1, 2018*

Conference Information

Submission Deadline	Friday 13 Jul 2018
Conference & Submission Link	https://conferences.sigcomm.org/hotnets/2018/ [2]
Conference Dates	Nov 8, 2018 - Nov 9, 2018
Conference Address	Washington,
Proceedings indexed by	

Conference Organizers : ( )

Conference Ranking & Metrics (This is a TOP Conference)

Google Scholar H5-index:	27
CORE 2017 Rating:	A
Guide2Research Overall Ranking:	150
Category Rankings	
Networks and Communications [3]	37
Signal Processing [4]	33

Conference Call for Papers

The 17th ACM Workshop on Hot Topics in Networks (HotNets 2018) will bring together researchers in computer networks and systems to engage in a lively debate on the theory and practice of computer networking. HotNets provides a venue for discussing innovative ideas and for debating future research agendas in networking.

We invite researchers and practitioners to submit short position papers. We encourage papers that identify fundamental open questions, advocate a new approach, offer a constructive critique of the state of networking research, re-frame or debunk existing work, report unexpected early results from a deployment, report on promising but unproven ideas, or propose new evaluation methods. Novel ideas need not be supported by full evaluations; well-reasoned arguments or preliminary evaluations can support the possibility of the paper's claims.

We seek early-stage work, where the authors can benefit from community feedback. An ideal submission has the potential to open a line of inquiry for the community that results in multiple conference papers in related venues (SIGCOMM, SOSP, OSDI, NSDI, MobiCom, MobiSys, CoNEXT, etc.), rather than a single follow-on conference paper. The program committee will explicitly favor early work and papers likely to stimulate reflection and discussion over "conference papers in miniature". Finished work that fits in a short paper is likely a better fit with the short-paper tracks at either CoNEXT or IMC.

HotNets takes a broad view of networking research. This includes new ideas relating to (but not limited to) mobile, wide-area, data-center, home, and enterprise networks using a variety of link technologies (wired, wireless, visual, and acoustic), as well as social networks and network architecture. It encompasses all aspects of networks, including (but not limited to) packet-processing hardware and software, virtualization, mobility, provisioning and resource management, performance, energy consumption, topology, robustness and security, measurement, diagnosis, verification, privacy, economics and evolution, interactions with applications, and usability of underlying networking technologies.

Position papers will be selected based on originality, likelihood of stimulating insightful discussion at the workshop, and technical merit. Accepted papers will be posted online prior to the workshop and will be published in the ACM Digital Library to facilitate wide dissemination of the ideas discussed at the workshop.

Toward facilitating reflective discussion within the networking research community, HotNets 2018 will continue the HotNets Dialogues: give-and-take written discussions of a selection of accepted papers, each between a pair of program committee members, that will be posted on the HotNets web site shortly before the workshop.

Policy on Concurrent Submissions

Concurrent submissions to HotNets 2018 and any other peer-reviewed venue that cover the same work (differences in degree of detail given the two venues' length limits notwithstanding) are prohibited, and will result in the rejection of the HotNets submission in question. "Concurrent" means any other peer-reviewed venue whose reviewing period (i.e., between submission and notification) overlaps with that of HotNets. The "same work" means, for example, a submission overlapping significantly in content with a conference submission. However, a position paper submitted to HotNets (e.g., that reflects broadly on the state of some aspect of the field, adopts a position as to how the field should move forward, or articulates a broad avenue of future work) will not be considered the "same work" as a conference-length paper on a specific system that addresses a point under the broad umbrella covered by the position paper. Authors with questions about the concurrent submission policy are encouraged to contact the PC chairs prior to submitting.

Ethical Concerns

As part of the submission process, authors must attest that their work complies with all applicable ethical standards of their home institution(s), including, but not limited to privacy policies and policies on experiments involving humans. Note that submitting research for approval by one's institution's ethics review body is necessary, but not sufficient – in cases where the PC has concerns about the ethics of the work in a submission, the PC will have its own discussion of the ethics of that work. The PC takes a broad view of what constitutes an ethical concern, and authors agree to be available at any time during the review process to rapidly respond to queries from the PC chairs regarding ethical standards.

Workshop Participation

HotNets attendance is limited to roughly 90 people, to facilitate lively discussion. Invitations will be allocated first to one author of each paper, HotNets organizers and committee members, and conference sponsors. To promote an inclusive workshop, HotNets will also make a limited number of open registration slots available to the community.

Submission and Formatting

Submitted papers must be no longer than 6 pages (10 point font, 12 point leading, 7 inch by 9.25 inch text block) including all content except references. Authors may use up to one further page beyond these 6 for references. This tarball contains a LaTeX class file that follows the prescribed submission format and an example of a paper formatted using that class.

All submissions must be blind: they must not indicate the names or affiliations of the authors in the paper. Only electronic submissions in PDF will be accepted. Submissions must be written in English, render without error using standard tools (e.g., Acrobat Reader), and print on US Letter paper. Papers must contain novel ideas and must differ significantly in content from previously published papers.

Submit papers on the HotNets 2018 HotCRP web site.
Important Dates
Abstract registration deadline: Jul 13, 2018 (7:59 PM EDT)
Paper submission deadline: Jul 20, 2018 (7:59 PM EDT)
Acceptance/rejection notification to authors: Sep 22, 2018
Camera-ready submission deadline: Oct 20, 2018
Workshop: Nov 8-9, 2018

Other Conferences in United States

SoCC 2018 : ACM Symposium on Cloud Computing [5]

Deadline :
Tue 15 May 2018

Oct 11, 2018 - Oct 13, 2018 - California

1. http://www.guide2research.com/category/conference

2. https://conferences.sigcomm.org/hotnets/2018/

3. http://www.guide2research.com/topconf/network-communication

4. http://www.guide2research.com/topconf/signal-processing

5. http://www.guide2research.com/?p=10174