

HotNets 2015 Paper

Anonymous

Abstract

Everybody loves TCP [1]. The paper body has two copies of the call for papers text to show how a standard text page should be formatted.

1. CALL FOR PAPERS

The 14th ACM Workshop on Hot Topics in Networks (HotNets 2015) 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 presenting innovative ideas to discuss and for debating future research agendas in networking.

We invite researchers and practitioners to submit short position papers. The workshop is interested in papers to foster discussions that can shape research agendas for the networking community as a whole. Thus, we strongly encourage papers that identify fundamental open questions, offer a constructive critique of the state of networking research, or present and explain new opportunities as well as challenges.

We also encourage submissions of early-stage work describing promising but unproven ideas. Submissions can, for example, advocate a new approach, re-frame or debunk existing work, report unexpected early results from a deployment, or propose new evaluation methodologies. The paper length limits mean novel ideas are unlikely to be supported by full evaluation; well-reasoned arguments or preliminary evaluations can support the possibility of the paper's claims. If fully developed and supported by more experimental evidence, we expect work to be published at fulllength conferences such as SIGCOMM, SOSP, OSDI, SenSys, NSDI, MobiCom, MobiSys, PODC, CoNEXT, or INFOCOM. Finished work that fits in a short paper is a better fit with the short-paper track at CoNEXT or – in case of a measurement-related paper – the short-paper track at IMC.

HotNets takes a broad view of networking research. This includes new ideas relating to (but not limited to) home, enterprise, data-center, and wide-area networks using a variety of link media (wired, wireless, 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, en-

ergy consumption, topology, robustness and security, measurement, diagnosis, verification, cybercrime, economics and evolution, technical implications of government policy, applications and interactions with applications, 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, thereby widely disseminating the ideas discussed at the workshop.

2. WORKSHOP PARTICIPATION

HotNets attendance is limited to roughly 80 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 a more inclusive workshop, HotNets will also make a limited number of open registration slots available to the community. Submission Instructions

Submitted papers must be no longer than 6 pages (10 point font, 12 point leading, 1 inch margins) including all content except references. Authors can take up to one extra page for references beyond the 6 pages. The submission site will provide a style file and example paper so authors can check that their paper matches in formatting. All submissions must be blind: submissions 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 and papers under simultaneous submission.

3. IMPORTANT DATES

Abstract registration:	July 10, 2015 (11:59PM GMT)
Paper submission:	July 17, 2015 (11:59PM GMT)
Notification of decision:	September 21, 2015
Camera-ready submission:	October 16, 2015
Workshop dates:	November 16-17, 2015

4. CALL FOR PAPERS

The 14th ACM Workshop on Hot Topics in Networks (HotNets 2015) 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 presenting innovative ideas to discuss and for debating future research agendas in networking.

We invite researchers and practitioners to submit short position papers. The workshop is interested in papers to foster discussions that can shape research agendas for the networking community as a whole. Thus, we strongly encourage papers that identify fundamental open questions, offer a constructive critique of the state of networking research, or present and explain new opportunities as well as challenges.

We also encourage submissions of early-stage work describing promising but unproven ideas. Submissions can, for example, advocate a new approach, re-frame or debunk existing work, report unexpected early results from a deployment, or propose new evaluation methodologies. The paper length limits mean novel ideas are unlikely to be supported by full evaluation; well-reasoned arguments or preliminary evaluations can support the possibility of the paper's claims. If fully developed and supported by more experimental evidence, we expect work to be published at fulllength conferences such as SIGCOMM, SOSp, OSDI, SenSys, NSDI, MobiCom, MobiSys, PODC, CoNEXT, or INFOCOM. Finished work that fits in a short paper is a better fit with the short-paper track at CoNEXT or – in case of a measurement-related paper – the short-paper track at IMC.

HotNets takes a broad view of networking research. This includes new ideas relating to (but not limited to) home, enterprise, data-center, and wide-area networks using a variety of link media (wired, wireless, 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, cybercrime, economics and evolution, technical implications of government policy, applications and interactions with applications, 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, thereby widely disseminating the ideas discussed at the workshop.

5. WORKSHOP PARTICIPATION

HotNets attendance is limited to roughly 80 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 a more inclusive workshop, HotNets will also make a limited number of open registration slots available to the community. Sub-

mission Instructions

Submitted papers must be no longer than 6 pages (10 point font, 12 point leading, 1 inch margins) including all content except references. Authors can take up to one extra page for references beyond the 6 pages. The submission site will provide a style file and example paper so authors can check that their paper matches in formatting. All submissions must be blind: submissions 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 and papers under simultaneous submission.

6. IMPORTANT DATES

Abstract registration:	July 10, 2015 (11:59PM GMT)
Paper submission:	July 17, 2015 (11:59PM GMT)
Notification of decision:	September 21, 2015
Camera-ready submission:	October 16, 2015
Workshop dates:	November 16-17, 2015

Acknowledgments

7. REFERENCES

- [1] V. Jacobson and M. J. Karels. Congestion avoidance and control. In *Proceedings of the Sigcomm '88 Symposium*, Stanford, CA, Aug. 1988.