
The October 2018 Issue

SIGCOMM'18 was held in Hungary and the participants were pleased with both the technical program and the social interactions with all the members of the community. During her keynote on *Networks Capable of Change*, Jennifer Rexford mentioned two papers published in CCR that have had an important impact on our community : *OpenFlow: enabling innovation in campus networks* and *P4: programming protocol-independent packet processors*. These two editorial notes paved the way for Software-Defined Networks and then programmable switches. They are a good illustration of the benefits of having a venue like CCR that is open to other types of papers than the scientific papers that usually appear in our conferences and workshops.

This issue contains three regular papers, two editorial notes and the best papers of five recent SIGCOMM'18 workshops. Our first paper, *On Max-min Fair Allocation for Multi-source Transmission*, co-authored by G. Li et al., proposes and evaluates an algorithm to provide max-min fairness in a network where the same information can be downloaded from multiple sources. In *On Collaborative Predictive Blacklisting*, Luca Malis and his colleagues study collaborative predictive blacklisting (CPB) wherein different organizations share information about attacks in real time and use it to update their blacklists. Finally, in *Bootstrapping Privacy Services in Today's Internet*, T. Lee et al. propose and analyse different services that could be provided by Internet Service Providers to provide better privacy to their users.

The two editorial notes published in this issue are very different. In *Toward Demand-Aware Networking: A Theory for Self-Adjusting Network*, C. Avin and S. Schmid propose to initiate the study of the theory of demand-aware, self-adjusting networks. In *The 10th Workshop on Active Internet Measurements (AIMS-10) Report*, kc Claffy and

David Clark report the lessons learned from a recent workshop.

This issue also contains the best papers selected by the organizers of five SIGCOMM'18 workshops:

- *Learning IP Network Representations* presented by M. Li et al. at BIGDAMA'18
- *Measuring the Impact of a Successful DDoS Attack on the Customer Behaviour of Managed DNS Service Providers* presented by A. Abhista et al. at the workshop on traffic measurements for Cybersecurity
- *Making Content Caching Policies 'Smart' using the DeepCache Framework* presented by A. Narayanan et al. at NetAI'18
- *Refining Network Intents for Self-Driving Networks* presented by A. Jacobs et al. at SelfDN'18
- *A Formally Verified NAT Stack* presented by S. Pirelli et al. at KBNets'18

The composition of the Editorial Board has also been modified recently. After several years of active participation, Costin Raiciu, Fahad Dogar, Alberto Dainotti and David Choffnes have concluded their term. I would like to thank them on behalf of the authors of all the papers that they handled during the last years. Sergey Gorinsky (IMDEA Networks, Spain) has agreed to join the Editorial board.

I hope that you will enjoy reading this new issue and welcome comments and suggestions on CCR Online (<https://ccronline.sigcomm.org>) or by email at ccr-editor@sigcomm.org.

Olivier Bonaventure
CCR Editor