

# IEEE ICNP 2017

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## Welcome

### Message from the ICNP 2017 Program Committee Chairs

The International Conference on Network Protocols (ICNP) celebrates its silver anniversary this year, and it is our great pleasure to present an exciting high-quality technical program for ICNP 2017. First of all, we thank the ICNP steering committee for entrusting us with chairing the Technical Program Committee (TPC). We are grateful to general chair Baochun Li for his continued support of our work, including his flawless maintenance of the HotCRP review management system. We are also thankful to publication chair Di Niu for collecting the final versions of accepted papers and preparing the conference proceedings. The TPC involved 11 area chairs and 56 TPC members. The TPC members prepared all submitted reviews, relying in some cases on input from additional reviewers. The area chairs ensured consistent high-quality reviews and led online discussions of the papers. We express our thanks to all the contributors for their hard work and dedication.

ICNP 2017 received a total of 209 submissions. Of these, we had to disqualify eight papers because they did not follow the submission instructions by revealing author names or exceeding the page limit. For each of the remaining 201 papers, one area chair and three TPC members were manually assigned to match the paper topic with the expertise of the reviewers, while avoiding

potential conflicts of interests. After completing the reviews of a paper, the assigned TPC members discussed the reviews online. When needed, extra reviewers were secured, resulting in three or more reviews for each paper. The area chairs coordinated the online discussions that concluded with recommendations to accept 14 papers without further discussion and to discuss 40 papers at the TPC meeting. The all-day TPC meeting, which took place as a WebEx teleconference on July 10, accepted 25 out of the 40 pending papers. Thus, the conference accepted a total of 39 submissions. Of these, nine papers were accepted conditionally, subject to successful shepherding by an area chair or TPC member (The revised versions of all conditionally accepted papers were approved by the assigned shepherds).

The final technical program organizes the 39 paper presentations in nine sessions. The sessions span a broad range of research topics in network protocols: programmability and virtualization, monitoring and management, algorithms, mobility, routing and interconnection, forwarding, software-defined networking, transport and traffic, cellular, security, wireless and Internet of things.

After the TPC meeting, we formed a best-paper award committee consisting of Lixin Gao (chair), Sonia Fahmy, Vishal Misra, and Zhi-Li Zhang. We are pleased to accept the committee's recommendation to recognize the paper entitled "Coordinating Rolling Software Upgrades for Cellular Networks" by Mubashir Adnan Qureshi, Ajay Mahimkar, Lili Qiu, Zihui Ge, Max Zhang, and Ioannis Broustis as the Best Paper of ICNP 2017.

We sincerely hope you will enjoy the technical program!

**Sergey Gorinsky, IMDEA Networks Institute**  
**Jorg Liebeherr, University of Toronto**  
**ICNP 2017 TPC Chairs**