

# IEEE ICNP 2017

October 10-13, 2017  
Toronto, Canada



## Welcome

### Message from the ICNP 2017 General Chair

It is our pleasure to welcome you to the 25th International Conference on Network Protocols (ICNP) and to Toronto, Canada. Continuing its tradition from the previous years, this year's ICNP features an extensive and exciting program that spans four days, covering a wide range of research topics related to network protocols, ranging from fundamental topics such as routing, to important trending topics such as security and Internet of Things.

The main conference of ICNP 2017 begins with an exciting keynote by Mostafa Ammar on his perspectives of the surprises in the evolution of networking research, trying to answer deep questions such as "Is there anything left to do in networking?" The program also features a panel of experts, moderated by Jorg Liebeherr, who will have a (possibly heated) discussion on networking research in the age of Internet ossification.

We will also have three workshops on October 10, 2017. The first workshop is related to big data and machine learning in computer networks, the second workshop is on software defined networking, and the third workshop is a Network Innovators Community Event called GENI NICE. I would like to thank all the workshop chairs for their effort, and all the speakers and panelists who participate in these workshops.

There are a small number of dedicated researchers who have devoted many hours of their time towards making this conference a rewarding experience. I would first like to

thank the program committee chairs Jorg Liebeherr and Sergey Gorinsky for putting together an excellent technical program following a rigorous review process. I would also like to thank the workshop chairs Dan Li and Nicholas Zhang for organizing the workshops; the poster/demo chairs Minghua Chen and Chuan Wu for organizing the poster/demo session; the publicity chairs Chen Qian, Arash Asadi, and Fangming Liu for sending out messages via email and social media at a moment's notice; the publications chair Di Niu for handling hundreds of email messages on a daily basis when the camera-ready deadline approached; the travel grant chairs Debbie Perouli and Hong Xu for communicating with the National Science Foundation and for handling travel grant applications.

From a logistical perspective, I would like to thank the Finance chair Wei Wang for working on and enforcing every detail in the conference budget; the Web chair Hao Wang for designing and updating the beautifully crafted ICNP 2017 website (and for drawing a piece of unique artwork for the conference by hand); and last but not the least, the Local arrangements chair Ben Liang for organizing student volunteers and interacting with the conference venue. Indeed, when hundreds of email messages were exchanged every day before the conference, I realized how great our community is when "the conference seems to run just by itself!"

ICNP 2017 would not have been possible without the guidance, trust and support of the ICNP steering committee, led by K.K. Ramakrishnan. My heartfelt gratitude goes to Huawei for its generous financial sponsorship for the conference, and to the team of student volunteers who provided support on logistics and registration.

There are many great ideas to enjoy the Fall season in Toronto. Many places of interest are easily accessible by public transportation, as the conference is conveniently located near two subway stations. As you attend the ICNP talks and participate in the discussions, we hope that you will also find some time to enjoy what downtown Toronto and Lake Ontario have to offer in the best (and busiest) season of the year. Welcome to Toronto and enjoy the conference!

**Baochun Li, University of Toronto**

**ICNP 2017 General Chair**