

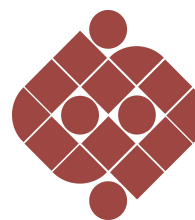


SOSR 2020
San Jose, CA, USA

Welcome to SOSR 2020

Anduo Wang (Temple University)
General Chair

Welcome!



SOSR 2020
San Jose, CA, USA

SOSR is about

Invited ONOS talk, SOSR software
systems award winner

social events

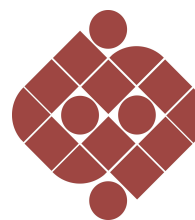
papers

posters

mentoring

coffee break discussion

Welcome!



SOSR 2020
San Jose, CA, USA

SOSR is about

Invited ONOS talk, SOSR software
systems award winner

papers

posters

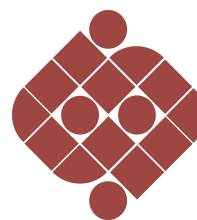
**You
&
Revolutionizing
networking**

social events

mentoring

coffee break discussion

Welcome!



SOSR 2020
San Jose, CA, USA

SOSR is brought to you by ...



vmware®



FACEBOOK

SOSR Software Systems Award

SOSR 2020
San Jose, CA, USA

ONOS - Open Network Operating System

Project Page: <http://onosproject.org/>

Source Code: <https://github.com/opennetworkinglab/onos>

Thomas Vachuska (Open Networking Foundation), Brian O'Connor (Open Networking Foundation), Ali Al-Shabibi (independent), Ray Milkey (Open Networking Foundation), Jono Hart (independent), Madan Jampani (Amazon Web Services), Jordan Halterman (Open Networking Foundation), Andrea Campanella (Open Networking Foundation), Jian Li (SK Telecom), Jon Hall (Ciena)

Organizers



SOSR 2020
San Jose, CA, USA

General Chair: Anduo Wang (Temple University)

Program Chairs:

Eric Rozner (University of Colorado Boulder),
James Hongyi Zeng (Facebook Inc.)

Web Chair: Dong Jin (Illinois Institute of Technology)

Publicity Chair: Soudeh Ghorbani (JHU)

Publication Chair: Wenfei Wu (Tsinghua University)

Demo/Poster Chairs:

Ang Chen (Rice) and Seungwon Shin (KAIST)

Awards Chairs:

Andreas Haeberlen (Upenn),
Philip Brighten Godfrey (UIUC), and
Teemu Koponen (Styra)

Student Travel Grant Chair:

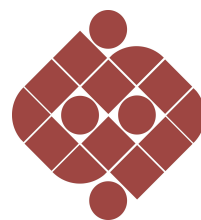
Rui Zhang (University of Delaware)

SOSR Steering Committee:

Aaron Gember-Jacobson (Colgate University),
Dave Maltz (Microsoft),
Minlan Yu (Harvard),
Rob Sherwood (Facebook),
Sujata Banerjee (VMware Research)

Program Committee:

Aaron Gember-Jacobson (Colgate University), Anduo Wang (Temple University), Anja Feldmann (MPI), Aurojit Panda (NYU), Behnaz Arzani (Microsoft Research), Ben Pfaff (VMWare), Brent Stephens (UIC), Eric Keller (University of Colorado, Boulder), Faraz Ahmed (Hewlett Packard Enterprise), Feng Qian (University of Minnesota - Twin Cities), Fernando M. V. Ramos (University of Lisbon), Gianni Antichi (Queen Mary University of London), Hongqiang Liu (Alibaba Group), Ihsan Ayyub Qazi (Lahore University of Management Sciences (LUMS)), Jed Liu (Barefoot Networks), Jelena Mirkovic (USC), Jia Wang (AT&T Labs Research), Junaid Khalid (Google), Kobus Van der Merwe (University of Utah), Luigi Rizzo (Universita di Pisa and Google), Maria Gorlatova (Duke University), Masoud Moshref Javadi (Google), Mina Tahmasbi Arashloo (Cornell), Muhammad Shahbaz (Stanford University), Mythili Vutukuru (Indian Institute of Technology, Bombay), Noa Zilberman (University of Oxford), Olivier Bonaventure (Université catholique de Louvain), Radhika Niranjana Mysore (VMWare Research), Richard Nelson (University of Waikato), Robert Soulé (Yale University), Sandesh Kumar Sodhi (Juniper Networks), Sonia Fahmy (Purdue University), Srikanth Sundaresan (Facebook), Xin Jin (Johns Hopkins University), Y. Richard Yang (Yale University), Yibo Zhu (ByteDance Inc.), Ying Zhang (Facebook), Z. Morley Mao (University of Michigan), Zhi-Li Zhang (University of Minnesota -- Twin Cities)



SOSR 2020
San Jose, CA, USA

SOSR 2020 Program

Eric Rozner (University of Colorado Boulder)

James Hongyi Zeng (Facebook)

Program Co-chairs

Papers



SOSR 2020
San Jose, CA, USA

- Program Committee
 - 39 reviewers + 2 co-chairs
 - >25% women
 - >25% non-US locations
- Review Process
 - 2 Rounds - 3 reviews in R1 and 2 reviews in R2
 - 60 R1 -> 39 R2 -> 17 accepted
 - Attached weight to papers that would foster discussion-- so let's have healthy Q&A!

Agenda



SOSR 2020
San Jose, CA, USA

- SOSR 2020 Award Talk - Open Networking Foundation
- Morning
 - Programmability
 - Control Plane
- Afternoon
 - Data Plane
 - Network Functions
 - Applications
- Long papers - 20 min + Q&A
- Short papers - 10 min + Q&A
- Two papers will have video presentations

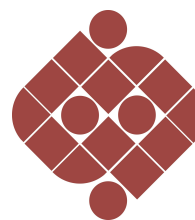
Best Paper Award



SOSR 2020
San Jose, CA, USA

Tracking P4 Program Execution in the Data Plane

Suriya Kodeswaran (Princeton University), Mina Tahmasbi Arashloo (Cornell),
Praveen Tamma (Princeton University), Jennifer Rexford (Princeton University)



SOSR 2020
San Jose, CA, USA

Enjoy SOSR 2020!