INDIS 2023 Best paper award

INDIS 2023 Best Paper Award – Congratulations!

Elephants Sharing the Highway – Studying TCP Fairness in Large Transfers Over High Throughput Links

Imtiaz Mahmud (Lawrence Berkeley National Laboratory,
George Papadimitriou (University of Southern California)
Cong Wang (Renaissance Computing Institute)
Mariam Kiran (Oak Ridge National Laboratory)
Anirban Mandal (Renaissance Computing Institute)
Ewa Deelman (University of Southern California, Information Science Institute)

BEST PAPER AWARD

Proudly presented to :

Imtiaz Mahmud, George Papadimitriou, Cong Wang, Mariam Kiran, Anirban Mandal & Ewa Deelman

For their paper
"Elephants Sharing the Highway – Studying TCP Fairness in Large Transfers Over High Throughput Links"
presented at INDIS 2023 SC Workshop

Denver, 12th November 2023

Anu Mercian
INDIS Co-Chair

Mariam Kiran
INDIS Co-Chair

Winona Snapp-Childs
INDIS Co-Chair

Cees DeLaat
INDIS Technical Committee Lead

Thank You for Making the INDIS 2023 Workshop a Success!

- Thank you workshop attendees, keynote speakers, paper authors and presenters, panelists, invited speakers, SCinet volunteers, and moderators and session chairs!
- And last but not least, thank you program committee members:

- Christer Karlsson, South Dakota School of Mines and Technology, USA
- Markus Fischer, Cisco Systems, Germany
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- Ezra Kissel, Energy Science Network (ESnet), USA
- Se-young Yu, International Center for Advanced Internet Research, Northwestern University, USA
- Harumi Kuno, Hewlett Packard Labs, USA

Tuesday, 14 November 2023   **Theme: Science Cyber Infrastructure Testbeds innovations**

(2:00 pm) SCinet welcome by Chair, Hans Addleman

(2:10 pm) Introduction session on testbeds & SCinet, Cees de Laat

(2:15 pm) National Research Platform, Frank Wuerthwein

(2:30 pm) The SLICES infrastructure, Dr. Paola Grosso (UvA, EU SLICES-RI)

(2:45 pm) FABRIC – Networking Experiments at Scale, Ilia Baldin (RENCI)

(3:00pm) Quantum-Conventional Network Testbed, Nageswara S. Rao (Oak Ridge National Laboratory (ORNL))

(3:15 pm) Panel on testbeds and embedding in SCinet enabling persistent SCinet, Moderated by Cees De Laat

(3:40 pm) Science use-cases on Google Cloud, Anu Mercian (Google)

(4:00 pm) Demo Presentation 1: TCP experiment on Fabric, Imtiaz Mahmud, George Papadimitriuo

(4:10 pm) Demo Presentation 2: DYNAMOS: Dynamically Adaptive Microservice-based OS - A Middleware for Data Exchange Systems on FABRIC, Jorrit Stutterheim MSc (UvA)

(4:20 pm) Demo Presentation 3: FABRIC, ESnet, and NRP. ESnet SmartNIC based on U280 FPGA, then figured out how to also make this work on our U55C in NRP, Mohammad Fires Sada (IIT Chicago)

(4:30 pm) Demo Presentation 4: Towards Accountable Network Bandwidth Utilization via SDN, Aashay Arora (UCSD)

(4:40 pm) Demo Presentation 5: Testbed Evaluation of an Attestation-Capable, Programmable Software Switch: What is 'my' network equipment configured to do?, Nishanth Shyamkumar, Nik Sultana, Illinois Institute of Technology

(4:45 pm) Best Demo Bonanza

(5:00 pm) Future INDIS Plans, Celebrations INDIS 10th anniversary and Adjourn