11th International Conference on the Network of Future

October 12-14, 2020 – Virtual Event

General Co-Chairs
Prosper Chemouil – Francine Krief

TPC Co-Chairs
Toufik Ahmed – Tobias Hoßfeld
NoF 2020 is now over!
Thank you for your support!

- **TPC Chairs**
  - Toufik Ahmed, Tobias Hoßfeld

- **OC Members**
  - 19 International Experts

- **TPC Members**
  - 69 Members

- **Additional Reviewers**
  - 31 Reviewers

- **Keynote, Panel and Tutorial**
  - 9 senior experts

- **Authors**
  - 106 authors

- **Presenters**
  - 28 presenters

- **Attendees**
  - 95 registrants (+250%)
  - Between 27 and 54 participants

- **Organizational Aspects**
  - Aziza Lounis, Elia Kallas
More on Twitter:
#NoF2020

NoF 2020 – October 12-14, 2020
Key Takeaways

- Future Networks will integrate more automation, based AI/ML Techniques
- Future Networks needs to be more autonomous through cognitive management and programmability
- Strict delay, security and reliability continue to be main requirements for future networks (e.g. wireless, tactile, and IoT network), considering 5G applications
- Future Networks are moving from Virtualized Network Functions to Cloud Native Network Functions
- Open API will constitute a main building block for 5G architecture
Access to presentations and proceedings

➢ All videos have been made available to participants on NoF website using the provided credentials

➢ In particular, videos of keynotes, Panel and Tutorials are available too.

➢ Publication in IEEE Xplore is now available: https://ieeexplore.ieee.org/xpl/conhome/9249068/proceeding

➔ Thanks Razvan & Stefano
Acknowledgements

LaBRI

IEEE
Advancing Technology for Humanity

IEEE ComSoc
IEEE Communications Society

DNAC
Best Paper Award

➢ Best Paper is selected among the best rated full papers

➢ After presentations, a committee is set to select the Best Paper according to:
  ❖ Quality of papers including novelty and technical soundness
  ❖ Quality of oral presentations
  ❖ Ability to consistently address questions in the Q&A
Best Paper Award - Committee

➢ Toufik Ahmed, TPC Co-Chair
➢ Prosper Chemouil, General Co-Chair
➢ Amina Boubendir, Orange Labs, France
➢ Filip De Turck, Ghent University, Belgium
➢ Sławomir Kukliński, Orange Labs, Poland
➢ Federica Paganelli, University of Pisa, Italy
➢ Giovanni Schembra, University of Catania, Italy
➢ Kohei Shiomoto, Tokyo City University, Japan
Best Paper Award – Runner-up Papers

➢ **Fog Services Provider Architecture for IoT**
  presented by **Hoan Le**, Université Sorbonne Paris Nord & L2TI, France

➢ **Bounded Latency with Bridge-Local Stream Reservation and Strict Priority Queuing**
  presented by **Alexej Grigorjew**, University of Wuerzburg, Germany

➢ **A Heuristic Method for Controller Placement and Enhanced Availability between SDN Controllers**
  presented by **Dorabella Santos**, INESC-Coimbra, Portugal

➢ **Can Host-Based SDNs Rival the Traffic Engineering Abilities of Switch-Based SDNs?**
  Presented by **Yunsen Lei**, Worcester Polytechnic Institute, USA
11th International Conference on the Network of the Future

NoF 2020
Virtual Conference

Best Paper Award

Yunsen Lei
for the paper entitled

Can Host-Based SDNs Rival the Traffic Engineering Abilities of Switch-Based SDNs?

by Yunsen Lei, Julian Lanson, Remy Kaldawy, Jeffrey Estrada, and Craig A. Shue

October 14, 2020

Prosper Chemouil
General Chair
NoF 2020 – October 12-14, 2020

Toufik Ahmed
TPC Co-Chair

Tobias Hossfeld
TPC Co-Chair
Feedback from the NoF 2020 Survey

Did the conference fulfill your expectations?
19 responses

- 57.9% Yes totally
- 42.1% Yes
Feedback from the NoF 2020 Survey

What do you think of using pre-recorded videos for presentations?

19 responses

- Excellent: 42.1%
- Above average: 26.3%
- Fair: 26.3%
- Below average: 10.5%
- Not applicable: 0%
Feedback from the NoF 2020 Survey

How did you find the use of Webex to reach the sessions
19 responses

- 73.7% Very easy
- 26.3% Easy
Feedback from the NoF 2020 Survey

• Keynotes
• Reputable, well-organized
• The panel session
• Quality of presented papers and keynotes
• Easy to access
• Diversity of topics, high quality content.
• Professional organization
• Tutorials were very interesting
• The community we are creating and that is maintained throughout time.

NoF 2020 – October 12-14, 2020

• Virtual Event
• Lack of social events due to the pandemic
• Schedule not appropriate everywhere
• Virtual but that goes beyond of the power of the organizing committee
Feedback from the NoF 2020 Survey

Do you plan to attend NoF 2021?
19 responses

- 73.7% Yes hopefully
- 21.1% Maybe
- 5% No probably
- 0% I don't know yet
Where’s NoF 2021?

➢ Hopefully an on-site event
  • Live presentations are preferable
  • We miss social networking for better interaction

➢ No finalized venue
  • We have several potential venues to check

➢ Decision will be taken by the Steering Committee next
  • Stay tuned
See you next year
Stay safe!