



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!

Cisco Webex Meetings
Meeting Info
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Speaking: Antonio Manzalini

Prosper C... (Me)

NoF 2020
Host

Antonio Manzalini

Sandra Scott-H...

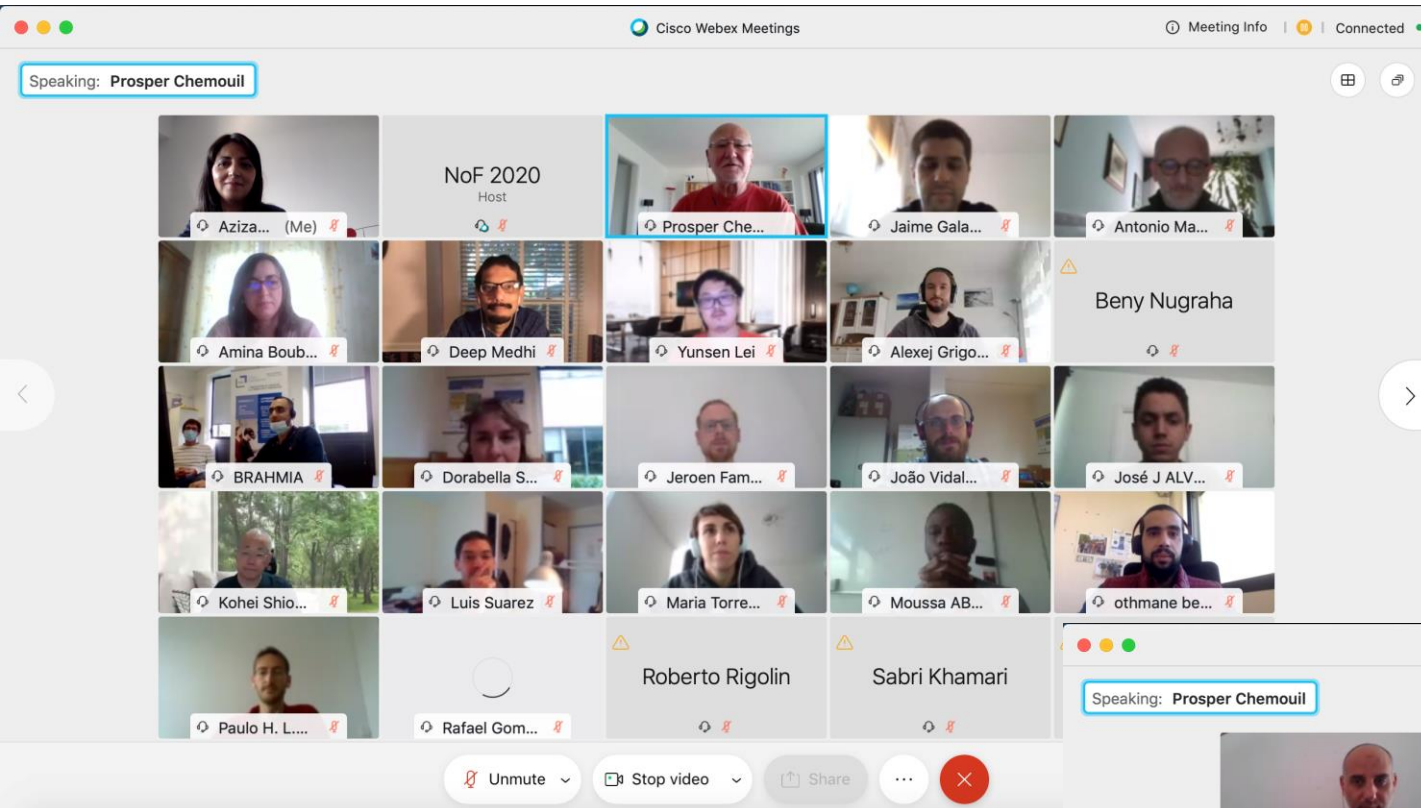
Alexander von ...

Makan Pourzandi	Abdelkader Outtagarts	Alexej Grigorjew	Aziza Lounis	BEKKOUCHE Roumaissa
Beny Nugraha	Daniel Macedo Batista	Dorabella Santos	Florian Metzger	Guy Pujolle
Johannes Loevenich	João Vidal Santos	Kantola Raimo	Kohei Shiomoto	Luis Suarez
Malik LOUAIL	Maurizio Fabiani	Moussa ABOUBAKAR	Nicolas Caviezel	Paulo H. Lopes Rettore

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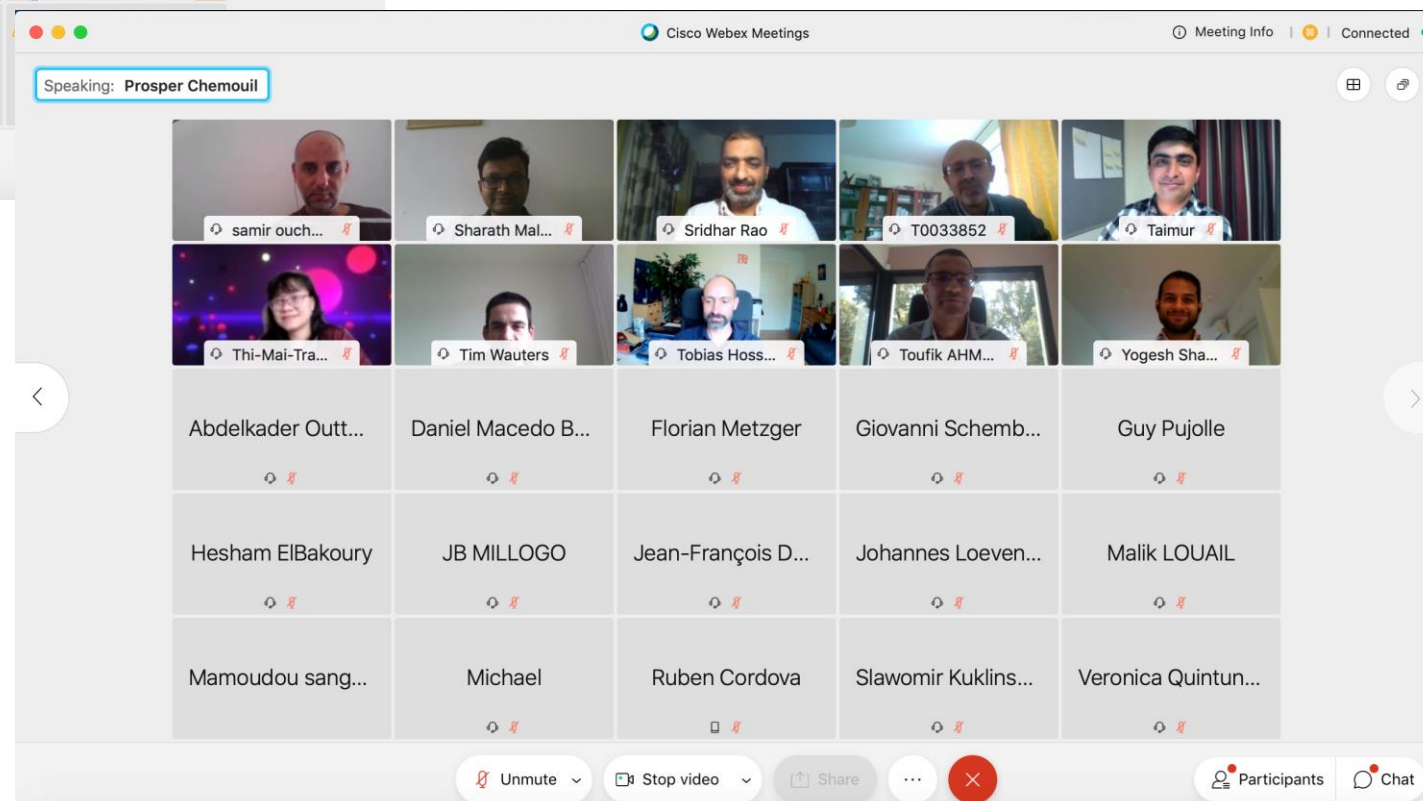
Thank you for your support!

- ▶ 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



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 Shiimoto, 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*

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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

Prosper Chemouil
General Chair

NoF 2020 – October 12-14, 2020

October 14, 2020

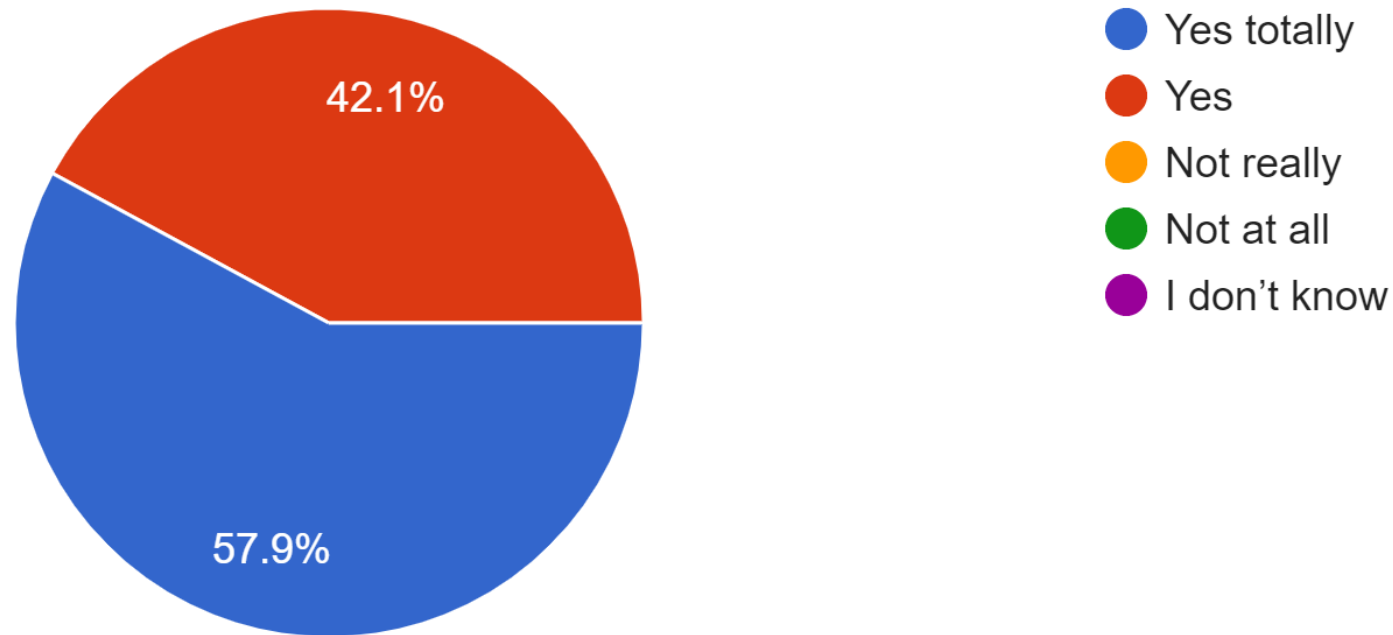
Toufik Ahmed
TPC Co-Chair

Tobias Hossfeld
TPC Co-Chair

Feedback from the NoF 2020 Survey

Did the conference fulfill your expectations?

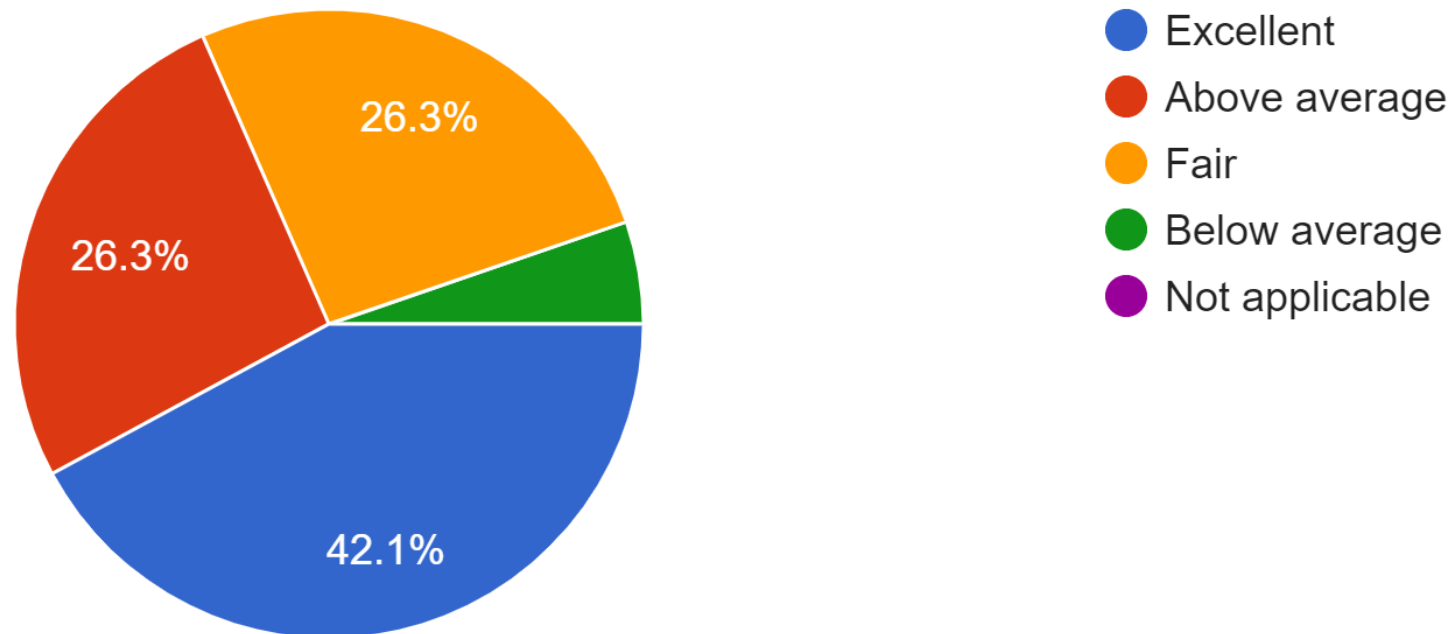
19 responses



Feedback from the NoF 2020 Survey

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

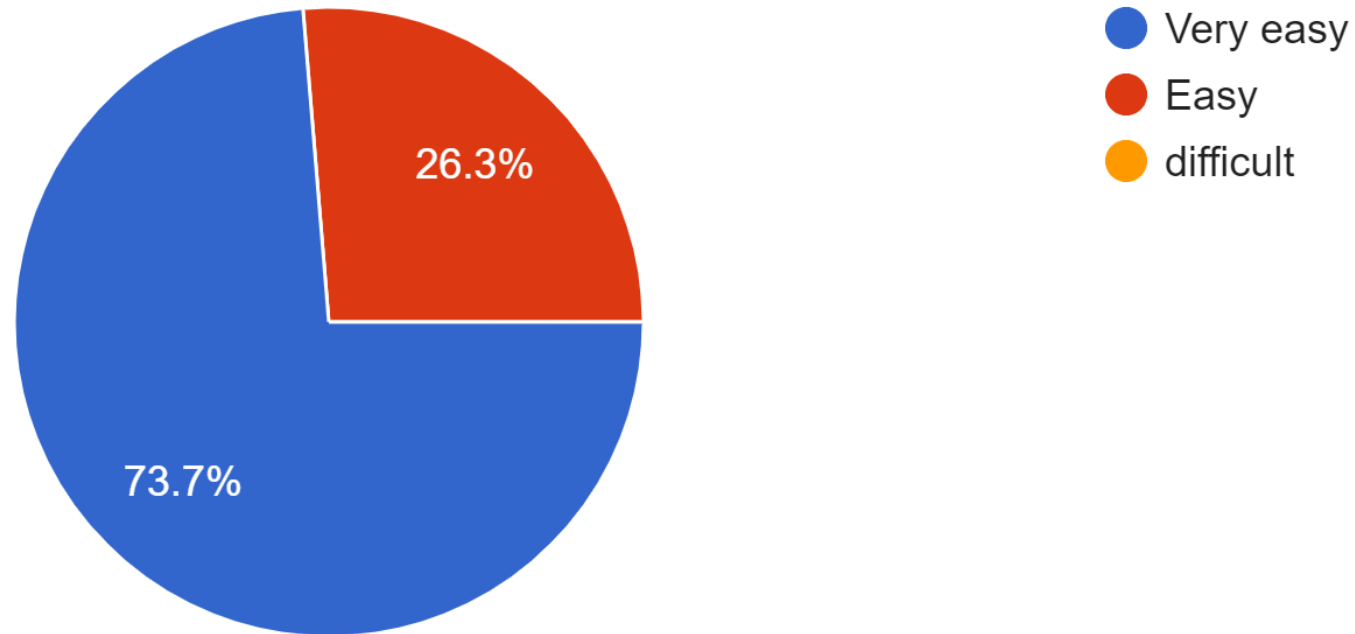
19 responses



Feedback from the NoF 2020 Survey

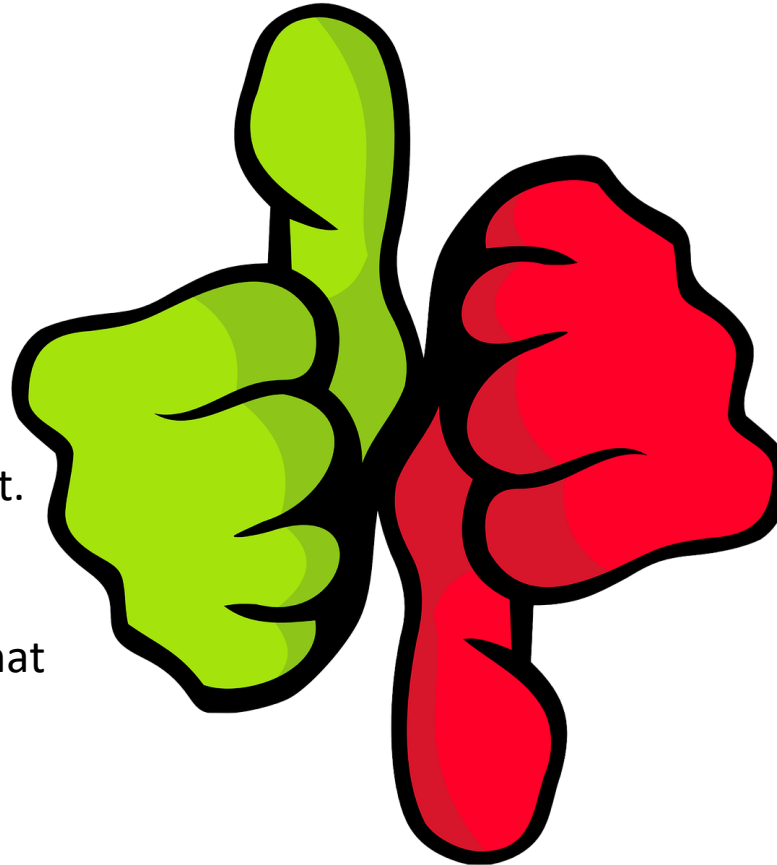
How did you find the use of Webex to reach the sessions

19 responses



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.

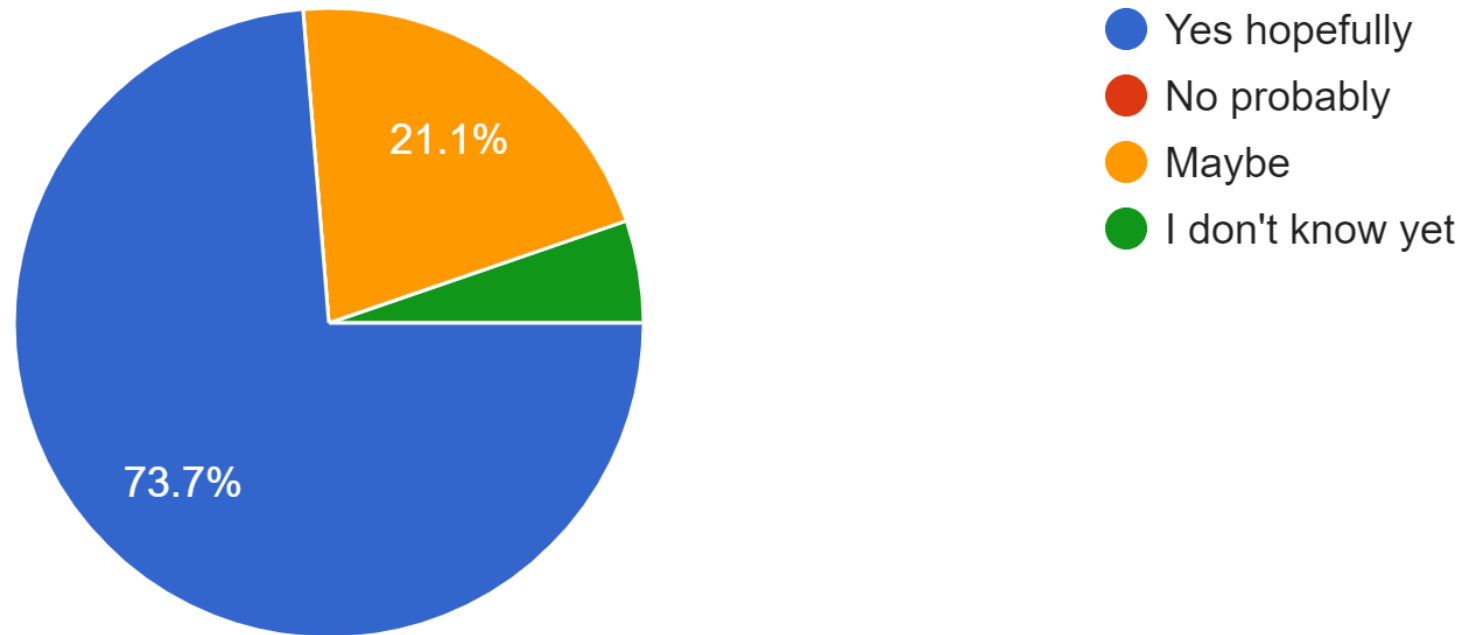


- Virtual Event
- Lack of social events due to the pandemic
- Schedule not appropriate everywhere
- Virtual but that goes beyond of the power of the organizing committee

Feedback from the NoF 2020 Survey

Do you plan to attend NoF 2021?

19 responses



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!