4th SIG-NGN Meeting

Created by Brook Schofield, last modified by Rob Evans on Oct 29, 2019

Wednesday 15th & Thursday 16th January 2020, Geneva, Switzerland

SIG-NGN is the Special Interest Group on Next Generation Networks.

This meeting is the fourth meeting of the SIG and hosted by **CERN** in Geneva.

Photo by Daniela Turcanu on Unsplash

Next Generation Networking for Science

The 4th SIG-NGN meeting take place at CERN on the 15th and 16th January 2020, and is co-located with a two-day workshop on networking for LHC and High-Energy Physics. This SIG-NGN meeting is an opportunity for two groups focused on advanced, high-performance networking to work together, and therefore the theme for this SIG-NGN is Next Generation Networking for Science.

The SIG-NGN Steering Committee would like to invite contributions to the agenda on themes such as:

- **Advanced networking for instruments**

Registration

Registration is Open!

Agenda (all times are in CET)

Monday, 13th January 2020

Time	What's happening
13:00-17:30	LHCOPN/LHCONE workshop

Tuesday, 14th January 2020

Time	What's happening
09:00-17:30	LHCOPN/LHCONE workshop

Wednesday, 15th January 2020 - SIG-NGN

Time	What's happening
10:30-11:00	Introduction and welcome - ~~Rob Evans, Jisc~~, Rudolf Vohnout, CESNET, Edoardo Martelli, CERN, Lars Fischer, NORDUnet, Jac Kloots, SURFnet
11:00-11:30	**Proposed:** Science Drivers for Research Networking - Edoardo, CERN (potentially)
11:30-12:00	**Proposed:** Filter bipass for time/frequency distribution -

- **Big Science, big networks**
- **Data Tranport Services**
- **Specialised needs, e.g. supporting time & frequency**

SIG-NGN will see presentations and discussion on how advances in networking allow close integration of instrument, wide-area, and datacentre networks. How networks are tackling the extreme data transport needs of Big Science and its instruments, services that allow large data sets to be made available to their global science communities, and new services being offered to serve the special needs of science, such as high-precision timing.

Please send your suggestions to ngn-sc@lists.geant.org.

Remote Participation

Meeting ID: 338 012 664

Join Zoom Meeting:
https://geant.zoom.us/j/338012664
Find your local number:
https://zoom.us/u/acBzohYbIm
Join by SIP 338012664@109.105.112.236 or
338012664@109.105.112.235
Join by H.323 109.105.112.236 or
109.105.112.235

Directions

Address: CERN, Route de Meyrin 385, 1217 Meyrin, Switzerland

CERN visitor pass: fill this form to request the CERN visitor pass

The meeting will be in CERN's Computer Centre on the CERN Meyrin site: 513/1-024 (on Google Maps)

Directions to CERN are available. Please go to the reception of CERN (building 33) first when you arrive to get your visitor's pass.

Geneva public transport:
http://www.tpg.ch/en/web/site-international
Lines passing by CERN: Tram 18. Stop name: CERN.

Time	
	Jac/Rob, SURFnet (potentially).
12:00-12:30	Proposed: The next Data Acquisition Network for LHCb
12:30-14:00	**Lunch**
14:00-14:30	Proposed: SCION routing protocol
14:30-15:00	
15:00-15:30	
15:30-16:00	**Tea and coffee**
16:00-16:30	
16:30-17:00	
17:00-17:30	
17:30	**End of Day 1**

Thursday, 16th January 2020 - SIG-NGN + HEPiX IPv6 WG

Time	What's happening
09:00-09:30	
09:30-10:00	
10:00-10:30	
10:30-11:00	**Tea and coffee**
11:00-11:30	
11:30-	

Hotels

Hotels close to CERN include:

- CERN Housing (you can use Edoardo Martelli as contact person)
- Holiday Inn Express Geneva Airport.
- Mövenpick Hotel & Casino Geneva.
- Other nearby hotels

Quick Links

All Presentations

Checkout the discussion on NREN.slack.com (sign up here)

Subscribe to the NGN mailing list or View the Archive

Contact the NGN Steering Committee

Attendee List

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12:00	
12:00-12:30	
12:30-13:00	*Wrap up, Feedback, Summary and Next Steps - Rob Evans, Jisc, Rudolf Vohnout, CESNET, Edoardo Martelli, CERN, Lars Fischer, NORDUnet, Jac Kloots, SURFnet*
13:00-14:00	**Lunch**
14:00-17:30	HEPiX IPv6 Working Group (meeting agenda and registration)

Friday, 17th January 2020

Time	What's happening
09:00-12:30	HEPiX IPv6 Working Group (meeting agenda and registration)

No labels