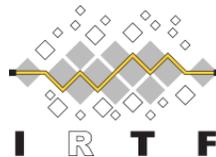


# 54th NMRG Meeting

## IETF 105, Montreal

### Session 1

Chairs: Laurent Ciavaglia, Jérôme François  
Secretaries: Jéferson Campos Nobre, Pedro Martinez-Julia



# IRTF follows IETF policy (“Note Well”)

**This is a reminder of IETF policies in effect on various topics such as patents or code of conduct.**

It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

# Volunteers ?!

Minutes taker(s): Pedro (thanks!)

please use Etherpad: <https://etherpad.ietf.org/p/notes-ietf-105-nmrg>

Meetecho scribe(s): ???

# Blue Sheets!

Please fill the **Blue Sheets**  
and circulate them through the room

This is important to measure participation and plan proper  
room size at future meetings

# Agenda

1. Introduction + RG information, Chairs
2. Refining Network Intents for Self-Driving Networks, Arthur Selle Jacobs (remote)
- 3a. Update on Intent Classification, Will Liu
- 3b. Update on IBN Concepts, lifecycle and functionality, Alex Clemm
- 3c. Considerations for intent-based management architecture(s), Laurent Ciavaglia
- 3d. An intent-driven management framework, Sun Qiong
- 3e. Discussion
4. Summary of AI for Network Management activities, Pedro Martinez-Julia  
incl. presentation on Intelligent Reasoning on External Events for Network Management

# 2019 meetings plan

- July, IETF 105, Montreal
  - Regular session + interim meeting (cf. next slide)
- October, NMRG Interim, Roma
  - Co-located with IEEE NoF <https://web.uniroma1.it/nof2019/>
  - Focus on Proof of Concepts and Tools for intent-based systems
  - More details soon [**Call for Demos**]
- November, IETF 106, Singapore
  - Incl. participation in hackathon?
- Monthly virtual meetings
  - Next one mid-end of September: <https://doodle.com/poll/vd62wbwdw6zcmu66>
  - Please fill in the doodle, thank you!**

# Charter update

- Umbrella text on the research agenda
- One section focused on IBN topic incl. work plan refinement and milestones
- Other developing topics also described
- Draft version will be available at:  
<https://docs.google.com/document/d/14eHQALG95VHE5N-YIAwH6vriKFG2WvI8d63TtugZLgU/edit?usp=sharing>
- Your comments and feedback are most welcome !
  - Talk/write to the chairs, post on the mailing list...

# NMRG @ IETF 105 week

## **Session 1** - Intent Based Networking

- Follow-up on IBN activity
- Summary on AI in/for/\* Network Management activity

## **Interim** – Intent Based Networking (again)

- Friday, July 26 at ETS Montreal
- Details at: <https://datatracker.ietf.org/doc/agenda-interim-2019-nmrg-07-nmrg-01/02/>