

# IETF 121, Dublin + Online NMRG 78th meeting - Session 1

Chairs: Laurent Ciavaglia, Jérôme François

Secretaries: Jéferson Campos Nobre, Pedro Martinez-Julia



# Note Well – Intellectual Property

- **The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules**
- By participating in the IRTF, you agree to follow IRTF processes and policies:
  - If you are aware that any IRTF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion
  - The IRTF expects that you file such IPR disclosures in a timely manner – in a period measured in days or weeks, not months
  - The IRTF prefers that the most liberal licensing terms possible are made available for IRTF Stream documents – see RFC 5743
  - Definitive information is in RFC 5378 (Copyright) and RFC 8179 (Patents, Participation), substituting IRTF for IETF, and at <https://irtf.org/policies/ipr>

# Note Well – Audio and Video Recordings

- The IRTF routinely makes recordings of online and in-person meetings, including audio, video and photographs, and publishes those recordings online
- If you participate in person and choose not to wear a red “do-not-photograph” lanyard, then you consent to appear in such recordings, and if you speak at a microphone, appear on a panel, or carry out an official duty as a member of IRTF leadership then you consent to appearing in recordings of you at that time
- **If you participate online, and turn on your camera and/or microphone, then you consent to appear in such recordings**

# Note Well – Privacy & Code of Conduct

- As a participant in, or attendee to, any IRTF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public
- Personal information that you provide to IRTF will be handled in accordance with the Privacy Policy at <https://www.ietf.org/privacy-policy/>
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this
- See [RFC 7154](#) (Code of Conduct) and [RFC 7776](#) (Anti-Harassment Procedures), which also apply to IRTF

# Goals of the IRTF

**The IRTF conducts research; it is not a standards development organization**

The Internet Research Task Force (IRTF) focuses on longer term research issues related to the Internet while the parallel organization, the IETF, focuses on shorter term issues of engineering and standards making

While the IRTF can publish informational or experimental documents in the RFC series, its primary goal is to promote development of research collaboration and teamwork in exploring research issues related to Internet protocols, applications, architecture, and technology

See “An IRTF Primer for IETF Participants” – [RFC 7418](#)

# Meeting useful links

- Materials: <https://datatracker.ietf.org/meeting/121/session/nmrg>
- Meetecho: <https://meetings.conf.meetecho.com/ietf121/?session=33171>
- Notes: <https://notes.ietf.org/notes-ietf-121-nmrg>
- Video recording: <https://www.youtube.com/user/ietf/playlists>
  - Available post-meeting

# NMRG this week

- 1 side meeting on Network Digital Twin
  - Monday 04/11 16:00-17:00
  - Discussions to define possible orientations of the RG
- 2 sessions
  - Thursday 07/11 13:00-15:00
  - Friday 08/11 15:30-17:00: document updates, status, research agenda
- 1 joint workshop with ESTI ZSM
  - Saturday 09/11 09:30-17:00, Trinity College
  - <https://github.com/danielkinguk/nmrg-zsm-session>
  - Discussions on the different views each group have on NDT, IBN, AI

# Agenda

- Introduction, RG Chairs, 10 min
- Use Cases and Practices for Intent-Based Networking, [draft-kdj-nmrg-ibn-usecases](#), Jaehoon Paul Jeong, 10 min
- Future Research Directions on Energy-Aware Security Mechanisms, [draft-soares-nmrg-green-security](#), Jéferson Nobre, 10 min
- An Autonomic Control Loop with AI-planning and NLP for achieving self-reconfiguration in an sliced network, Angela María Rodríguez, 20 min
- Data quality:
  - Evaluating and Enhancing Test Set Quality for IDS Testing, Omar Anser, 20 min
  - The complex interplay between data and model quality: a case study in traffic anomaly detection, José Camacho, 20 min
  - Towards data-driven evaluation of intrusion detection systems, Gregory Blanc, 20 min