Proposed

SPACE RG

Systems and Protocol Aspects for Circumstellar Environments Research Group

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https://datatracker.ietf.org/group/space
https://github.com/irtf-spacerg

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
- Also see RFC 9775 (IRTF Code of Conduct)

Goals of the IRTF

- The Internet Research Task Force (IRTF) focuses on **longer term research issues related to the Internet** while the parallel organisation, the IETF, focuses on **shorter term issues of engineering and standards making**
- The IRTF conducts **research**; it is **not a standards** development organisation
- 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

Agenda

- Introduction, Agenda Bashing [chairs] (5 min)
- Invited Talks
  - 11:05 [15 min] - [Dan York] (Internet Society)
    "**Beyond Starlink: Understanding the Coming Waves of LEO Satellite Deployments**"
  - 11:20 [15 min] - [Liz Izhikevich] (University of California, LA)
    "**The Limitations of LEO Uplink**"
  - 11:35 [15 min] - [Florian Zeiger] (Siemens)
    "**Industrial Communication Services via Non-Terrestrial Networks: Requirements and Challenges**"
  - 11:50 [10 min] - [Lin Han] (Southeast University, China)
    "**Towards Standardized Routing for LEO Satellite Networks: A Comparative Study**"
- Group Work
  - 12:00 [10 min] - [Maxime Piraux] Draft update: **A Code to Describe Satellite Constellations**
  - 12:10 [10 min] - [Nishanth Sastry] Draft update: **A typology of Space Research Infrastructures** (remote)
- Wrap-Up [chairs] (10 min)