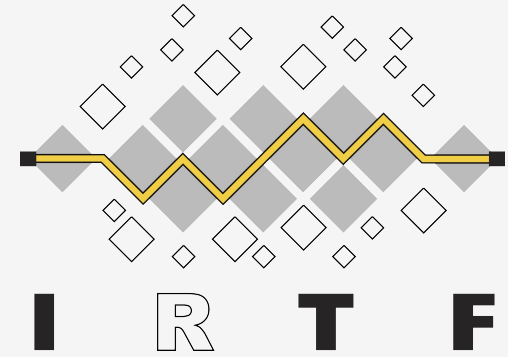


# Global Access to the Internet for All Research Group GAIA



- **IETF 108, online**
- Date: 2020-07-28
- Time: 13:00 UTC/GMT
- Chair: Jane Coffin <coffin@isoc.org>
- Chair: Leandro Navarro <leandro.navarro@upc.edu>



# Note Well – Intellectual Property

<https://irtf.org/policies/note-well.html>

## **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 – 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 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](#)



# Global Access to the Internet for All Research Group GAIA

## Charter

The Internet Society's Global Internet User Survey 2012 reveals that a large majority of respondents believe that Internet access should be considered a basic human right. However, in the reality of today's Internet, the vision of global access to the Internet faces the challenge of a growing digital divide, i.e., a growing disparity between those with sufficient access to the Internet and those who cannot afford access to the essential services provided by the Internet.

# GAIA Objectives

- **to create increased visibility and interest** among the wider community on the challenges and opportunities in enabling global Internet access, in terms of technology as well as the social and economic drivers for its adoption;
- **to create a shared vision** among practitioners, researchers, corporations, non governmental and governmental organisations on the challenges & opportunities;
- **to articulate and foster collaboration** among them to address the diverse Internet access and architectural challenges (including security, privacy, censorship and energy efficiency);
- **to document and share deployment experiences and research results** to the wider community through scholarly publications, white papers, presentations, workshops, Informational and Experimental RFCs;
- **to document the costs of existing Internet Access**, the breakdown of those costs (energy, manpower, licenses, bandwidth, infrastructure, transit, peering), and outline a path to achieve a 10x reduction in Internet Access costs especially in geographies and populations with low penetration.
- **to develop a longer term perspective on the impact of GAIA research group findings on the standardisation efforts at the IETF.** This could include recommendations to protocol designers and architects.



# GAIA IETF 108 2020-07 Agenda

- Welcome, Agenda Bashing, Minutes taker, Blue Sheets, etc. (5 min)
  - Challenges in the rural communities: access to reliable, relevant information, and mobilization to build resilience  
Sol Luca de Tena, Zenzeleni Mankosi (ZA)
  - Energy and connectivity  
Mennan Selimi, SEEU North Macedonia
  - The environmental sustainability of the Internet for all and everything  
Leandro Navarro, UPC
- 
- AOB: Next steps for GAIARG: Revision, update of documents  
Chairs/All (5 m)