Global Access to the Internet for All Research Group GAIA

- IETF 112, online

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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
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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.
• Welcome, Agenda Bashing, Minutes taker, Blue Sheets, etc. (10 min)

• Television white space and community networks Alternatives to bridge the digital divide in Tanzania, Matagoro Jabera, tzCNA

• The Trouble with Spectrum
Steve Song

• IOT
Marco Zennaro, ICTP

• AOB: Next steps for GAIARG: Revision, update of documents
Chairs/All