

**I R T F**

# **Update on the Internet Research Task Force**

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IETF-93, Prague, Czech Republic

# IRTF Meetings This Week

Other IRTF-

■ Crypto Forum (**CFRG**)

**Eight (out of nine!) RGs are meeting this week;**

■ Global Access to the Internet for All (**GAIA**)

**three proposed RGs are meeting**

■ Internet Congestion Control (**ICCRG**)

■ Information-Centric Networking (**ICNRG**)

■ Network Function Virtualization (**NFVRG**)

■ Network Management (**NMRG**)

■ Network Coding (**NWCRG**)

■ Software-Defined Networking (**SDNRG**)

■ **IRTF Open Meeting**

Monday, 13:00

■ Review of **GAIA** with the

IAB (?)

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■ Proposed How Ossified is the Protocol Stack?  
(**HOPSRG**)

■ Proposed Human Rights Protocol Considerations  
(**HRPC**)

**Update on the Internet**

**Research Task Force at**

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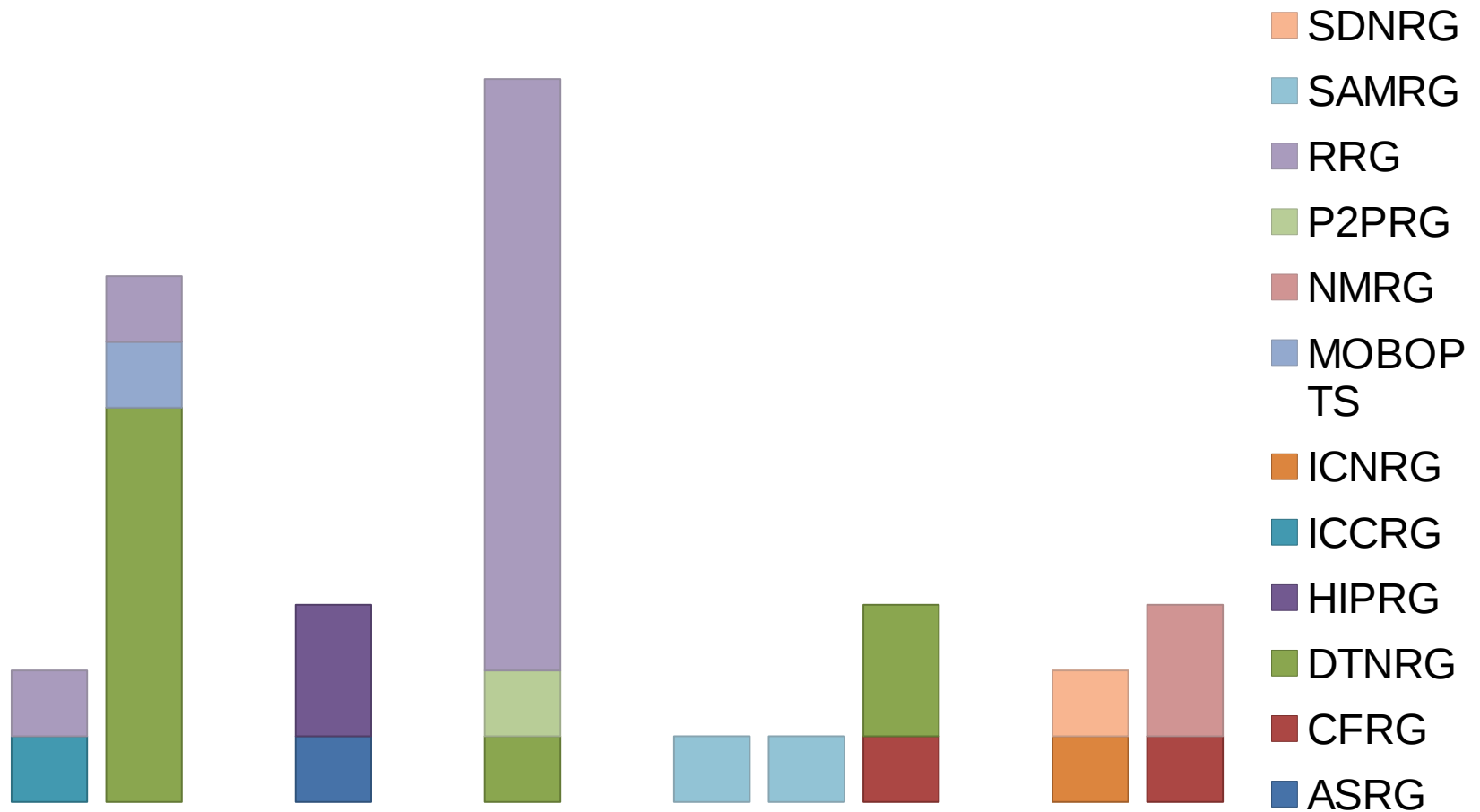
2015-7-21 ■ Proposed Thing-to-Thing (**T?TRG**)

# Research Group Status

(subjective)

- **Active**
  - CFRG, GAIA, ICNRG, NFVRG, NMRG, NWCRG, SDNRG
- **Little activity**
  - DTNRG, ICCRG
- **Proposed**
  - HOPSRG, HRPC, T2TRG

# IRTF Stream RFC Publications



# IRTF RFCs since IETF-90 (not 91)

- **SDNRG**
  - **RFC 7426** on Software-Defined Networking (SDN): Layers and Architecture Terminology
- **ICNRG**
  - **RFC 7476** on Information-Centric Networking: Baseline Scenarios
- **CFRG**
  - **RFC 7539** on ChaCha20 and Poly1305 for IETF Protocols
- **NMRG**
  - **RFC 7575** on Autonomic Networking: Definitions and Design Goals
  - **RFC 7576** on General Gap Analysis for Autonomic Networking

# Applied Networking Research Prize

- Jointly with ISOC, additional support by Comcast
- 33 nominations for 2015 (46 in 2014)
- Selection committee of IETF, IRTF, past winners
- Five prize winners for 2015 (six 2014)
  - **Haya Shulman**
  - **João Luís Sobrinho**
  - (two more IETFs 94 & 95)
- Talks at the IRTF Open Meeting

*“...awarded for recent results in applied networking research that are relevant for transitioning into shipping Internet products and related standardization efforts...”*

**Nomination period for 2016 open now!**

<http://irtf.org/anrp>

# Corporate ANRP Support

- Comcast has offered to support the ANRP
- **THANK YOU!**
  
- We're open for additional corporate support
- Contact [anrp@irtf.org](mailto:anrp@irtf.org)



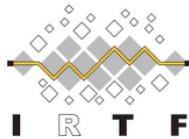
COMCAST

*“We like the Applied Network Research Prize because it encourages novel research that helps companies like Comcast and our partners build better Internet services and technologies for end users, and helps the community move important standards work into deployable technology more effectively.”*

**Jason Livingood, VP Internet Services**

# <https://irtf.org/raim-2015>

IRTF & ISOC Workshop on  
**Research and Applications of  
Internet Measurements (RAIM)**  
in Cooperation with **ACM SIGCOMM**



Saturday, October 31, 2015  
Yokohama, Japan

## Call for participation

To increase collaboration between industry and academia in the field of networking, the **Internet Research Task Force (IRTF)** and the **Internet Society (ISOC)** in cooperation with **ACM SIGCOMM** are organizing a workshop on Research and Applications of Internet Measurements (RAIM), scheduled for the Saturday in between the **2015 ACM SIGCOMM Internet Measurement Conference (IMC)** in Tokyo and the **94th Internet Engineering Task Force (IETF) meeting** in Yokohama.



# <https://irtf.org/raim-2015>

## Participation

Workshop attendance is by invitation only. Individuals interested in participating are invited to submit *one* of the following two submission types at <https://irtf.org/raim-submit>:

1. an original *short position paper* (four pages or less) outlining their views on topics related to the workshop; or
2. a copy of a *previously published academic paper* related to the topics of the workshop.

The collection of submitted position papers and references to published academic papers will be made available online. The IETF “[Note Well](#)” does *not* apply to workshop submissions or any discussions at the workshop. We are investigating whether the workshop can be recorded and/or live-streamed. Remote inbound participation will not be possible.

## Deadlines

***Submission deadline:* Friday, August 7, 2015**

*Notifications:* Friday, August 28, 2015

*Workshop date:* Saturday, October 31, 2015