IRTF Open Meeting

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IRTF Chair

IETF-87, Berlin, Germany

IRTF IPR Policy

The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules. This is a summary of these rules as they relate to IRTF research group discussions, mailing lists and Internet Drafts:

- If you include your own or your employer's IPR in a contribution to an IRTF research group, then you must file an IPR disclosure with the IETF.

- If you recognize your own or your employer's IPR in someone else's contribution and you are participating in the discussions in the research group relating to that contribution, then you must file an IPR disclosure with the IETF. Even if you are not participating in the discussion, the IRTF still requests that you file an IPR disclosure with the IETF.

- Finally, the IRTF requests that you file an IPR disclosure with the IETF if you recognize IPR owned by others in any IRTF contribution.

The IRTF expects that you file IPR disclosures in a timely manner, i.e., in a period measured in days or weeks, not months. The IRTF prefers that the most liberal licensing terms possible are available for IRTF Stream documents, see RFC 5743. You may file an IPR disclosure here: http://www.ietf.org/ipr/file-disclosure

See RFC 3979 (BCP 79) for definitions of "IPR" and "contribution" and for the detailed rules (substituting "IRTF" for "IETF").

Administrativa

- **Today's slides**
  - https://datatracker.ietf.org/meeting/87/materials.html#session.group-irtfopen
- **Remote participation**
  - https://www.ietf.org/meeting/87/remote-participation.html
- **Mailing lists**
  - http://irtf.org/mailman/listinfo/irtf-announce
  - http://irtf.org/mailman/listinfo/irtf-discuss

IRTF Open Meeting Agenda
Tuesday, 9:00

9:00 **State of the IRTF**   IRTF & RG Chairs

Applied Networking Prize 2013 (ANRP) Awards

9:20 Confused, Timid, and Unstable: Picking   Te-Yuan Huang
a Video Streaming Rate is Hard

10:05 Improving Network Agility with   Laurent
Seamless BGP Reconfigurations   Vanbever

Applied Networking Prize 2013 (ANRP) Awards

10:50 Team Presentation from the 3rd   Matthias
MANIAC Challenge   Wählisch
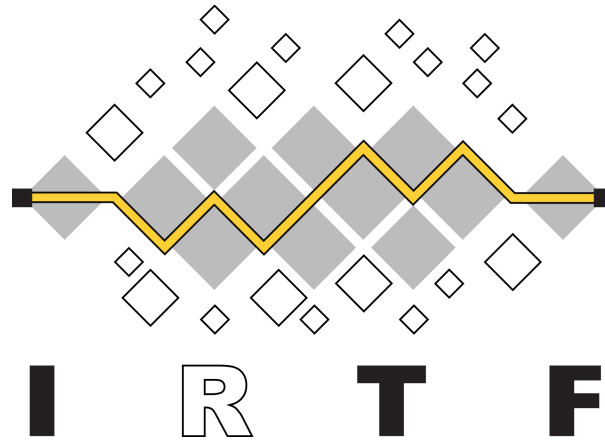
State of the IRTF

IRTF Meetings This Week

Seven RGs are meeting this week, one proposed RG is meeting

- Crypto Forum (**CFRG**)
- Delay-Tolerant networking (**DTNRG**)
- Internet Congestion Control (**ICCRG**)
- Information-Centric Networking (**ICNRG**)
- Network Complexity (**NCRG**)
- Network Management (**NMRG**)
- Software-Defined Networking (**SDNRG**)
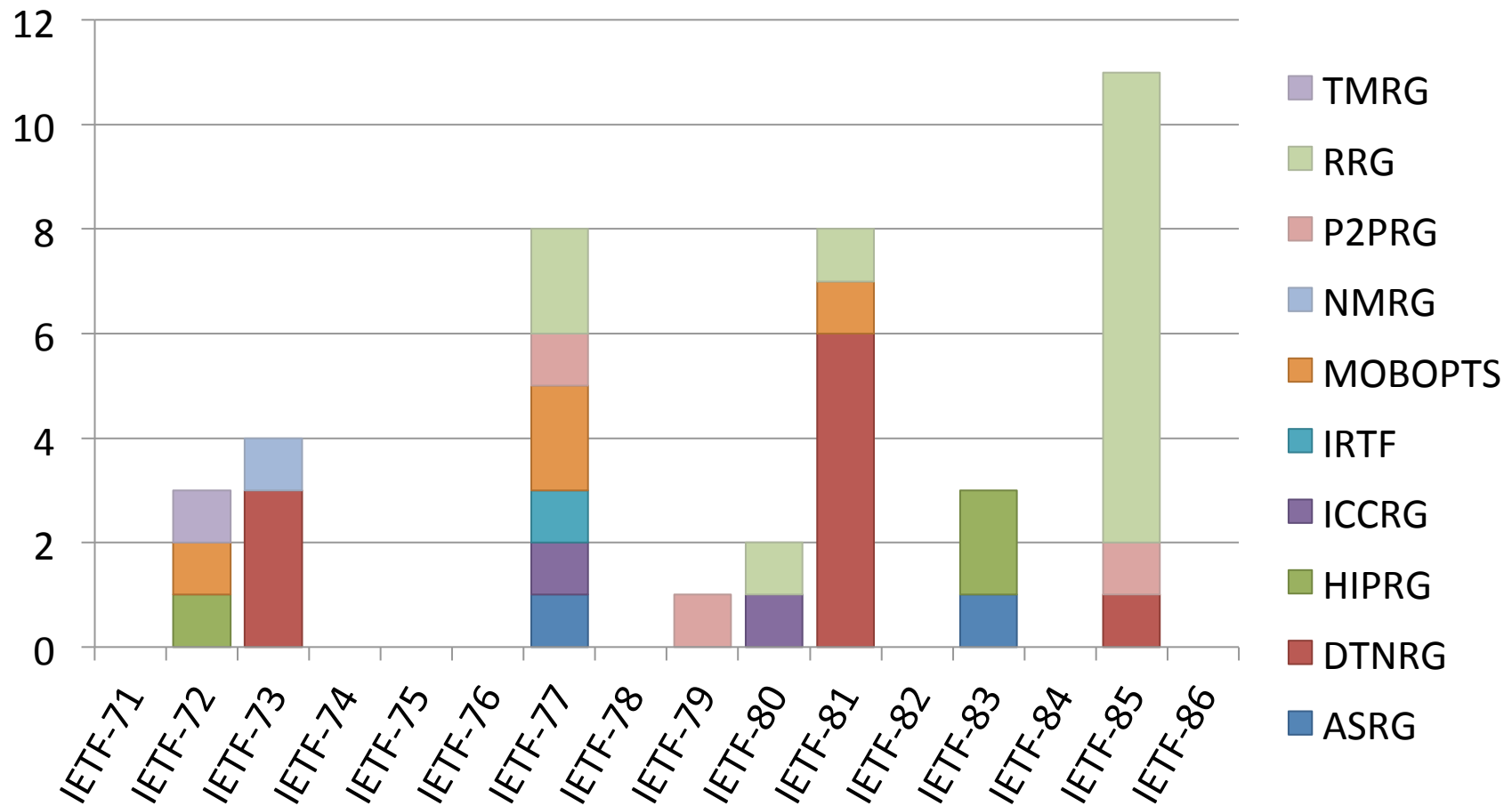
- Network Coding (**NWCRG**; Proposed)

Other IRTF-related meetings

- **IRTF Open Meeting** Tuesday, 9:00
- Reviewing the **SDNRG** with the IAB on Thursday

Research Group Status

- **Nine chartered RGs**
- **Active**
  - CFRG, DTNRG, ICCRG, ICNRG, SDNRG
- **Little activity**
  - NCRG, NMRG, RRG
- **Closing**
  - SAMRG
- **Closed**
 - ASRG

IRTF Stream RFC Publications

IRTF RFC Publications since IETF-84

- **RRG**
  - **RFC 6744** on IPv6 Nonce Destination Option for the [ILNP] for IPv6 (ILNPv6)
  - **RFC 6746** on IPv4 Options for the [ILNP]
  - **RFC 6748** on Optional Advanced Deployment Scenarios for [ILNP]
  - **RFC 6745** on ICMP Locator Update Message for the [ILNP] for IPv4 (ILNPv4)
  - **RFC 6743** on ICMP Locator Update Message for [ILNP] for IPv6 (ILNPv6)
  - **RFC 6747** on Address Resolution Protocol (ARP) for [ILNP] for IPv4 (ILNPv4)
  - **RFC 6742** on DNS Resource Records for the [ILNP]
  - **RFC 6740** on [ILNP] Architectural Description
  - **RFC 6741** on [ILNP] Engineering Considerations
- **P2PRG**
  - **RFC 6821** on Improving Peer Selection in Peer-to-peer Applications: Myths vs. Reality
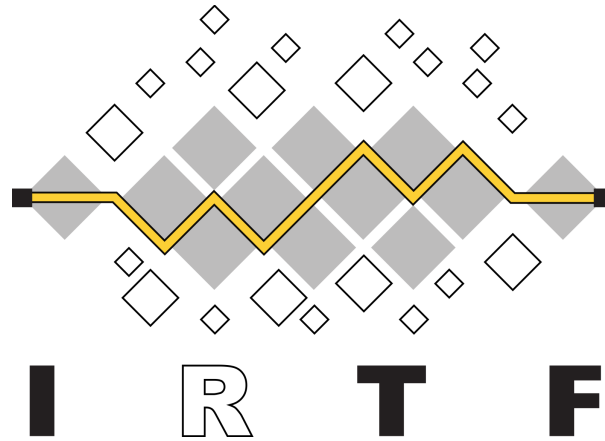
Applied Networking Research Prize
Awards & Presentations

Applied Networking Research Prize

- Jointly with ISOC
- 36 nominations for 2013
- IETF/IRTF selection committee
- Four prize winners for 2013
  - Gonca Gürsun
  - **Te-Yuan Huang**
  - **Laurent Vanbever**
  - (Final one at IETF-88)
- 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 2014 is *now*!

http://irtf.org/anrp

Applied Networking Research Prize

Presented to

Te-Yuan Huang

Te-Yuan Huang, Nikhil Handigol, Brandon Heller, Nick McKeown and Ramesh Johari**. Confused, Timid, and Unstable: Picking a Video Streaming Rate is Hard.** Proc. *ACM Internet Measurement Conference (IMC)*, November 2012, Boston, MA, USA.

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Mat Ford, Internet Society

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Lars Eggert, IRTF Chair

Applied Networking Research Prize

Presented to

Laurent Vanbever

Stefano Vissicchio, Laurent Vanbever, Cristel Pelsser, Luca Cittadini, Pierre Francois and Olivier Bonaventure. **Improving Network Agility with Seamless BGP Reconfigurations.** Proc. *IEEE/ACM Transactions on Networking (TON)*, To Appear.

Mat Ford, Internet Society

Lars Eggert, IRTF Chair