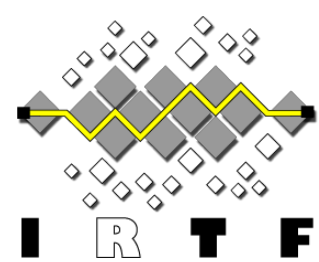


Update on the Internet Research Task Force

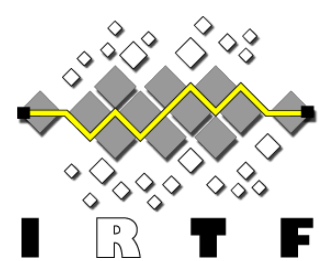
Aaron Falk & Lars Eggert
IRTF Chair

IETF-80, Prague, Czech Republic



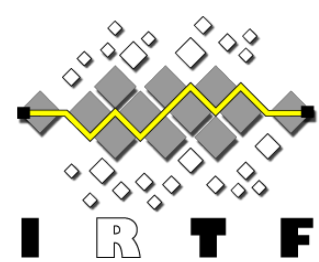
IRTF Meetings this Week

- Four Research Groups (RGs) are meeting this week
 - Internet Congestion Control RG
 - Peer2Peer RG
 - Scalable, Adaptive Multicast RG
 - Host Identity Payload RG
- Reviewing ICCRG with the IAB on Thursday



IRTF RFCs & Chair Changes

- IRTF RFCs
 - Submitted several drafts to the RFC Editor
 - DTNRG (6), RRG (3), MobOpts (1)
 - Published 3 RFCs
 - RFC6115: Recommendation for a Routing Architecture
 - RFC6179: The Internet Routing Overlay Network (IRON)
 - RFC6077: Open Research Issues in Internet Congestion Control
- RG Chair changes
 - New NMRG chairs: Lisandro Granville, UFRGS (Brazil) and Olivier Festor, Inria (France)
 - Add'l DTNRG chair: Jörg Ott, Alto Univ (Finland)
 - New ICCRG chair: Murari Sridharan, Microsoft



RG Energy Levels

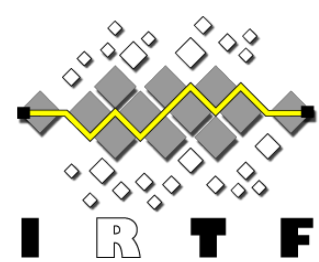
(e.g., mailing list discussion &/or f2f meetings)

Active

- ASRG
- CFRG
- DTNRG
- HIPRG
- ICCRG
- RRG
- SAMRG
- NMRG
- P2PRG

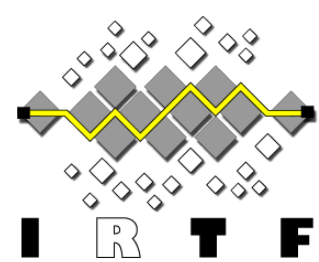
Quiescent

- MOBOPTS
- TMRG
- VNRG

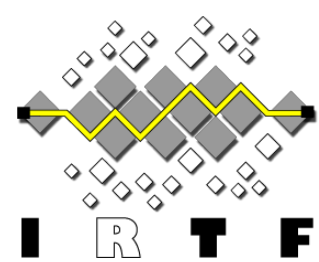


Looking Back a Little

- Defined IRTF RFC Series, established review process, published 22 IRTF RFCs
- Established 7 RGs
 - emerg, iccrg, p2prg, pkng, samrg, tmrg, vnrg
- Closed 4 RGs
 - emerg, end2end, imrg, pkng



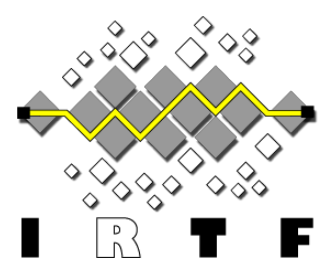
- TSV area director 2006-11
- day job: Principal Scientist,
Nokia Research Center
- 2nd day job: Adjunct prof, Aalto University
- 15+ years history in research projects
sponsored by DARPA, NSF, EU, TEKES
- ACM & IEEE senior member
- many TPC & org memberships, e.g.
SIGCOMM & Infocom
- <http://fit.nokia.com/lars/>



Plans for the IRTF*

- IRTF Open Meeting
 - for Internet-related research topics broader than or outside existing RGs
 - “area meeting” for the IRTF
- pilot program with ISOC to increase researcher participation in the IRTF&IETF
 - consists of travel grant & presentation slot
 - bring new researchers with cool ideas here
 - announcement to follow soon
- discussion in the IRSG how to increase the attractiveness & relevance of the IRTF

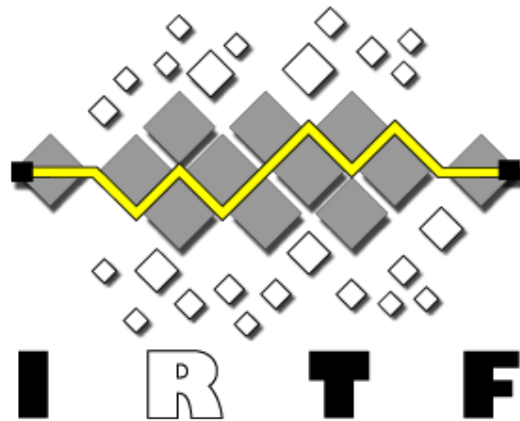
***tentative & under discussion**



Plans for the IRTF*

- ongoing and planned discussions for *potential* new RGs
 - Internet of Things, starting with and going beyond COAP/RPL/6LOWPAN
 - Network Complexity
 - Information-Centric Networking
 - Datacenter Networking
 - Internet Economics and Policy
 - Learning Capable Communication Networks
 - Cross Application/Network Optimization

***tentative & under discussion**



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