thank you ANRW'18 sponsors

ANRW'18 Chair's Welcome

Sharon Goldberg (Boston University)
David Choffnes (Northeaster University)

goals of ANRW'18

1. **Create a community around academic research in wide-area networking and security**

2. **Transition relevant results to practice**

   - **By disseminating results to practitioners at IETF**
     - **Folks that run the core Internet are here at this meeting**

   - **Through the IETF's standard's process.**
     - **This is where decisions are made about the design of TCP, DNS, BGP, NTP, TLS, RPKI, certificate transparency, …**

   - **To encourage longer-term networking research**
     - **That bring results closer to practice**

My advice: Don't just wait/hope others will standardize your work, get involved!

ANRW'18 statistics

Invited talks: PC nominated 15 papers, 5 accepted

Submissions: 44 papers submitted

                                          11 talks selected

                                          18 posters selected

Program Committee

David Choffnes	**Northeastern University**
Sharon Goldberg	**Boston University**
Stephen Farrell	Trinity College Dublin
Nick Feamster	Princeton
Phillipa Gill	U. Mass Amherst
Daniel Kahn Gillmor	ACLU
Cristel Pelsser	Université de Strasbourg
Roland van Rijswijk-Deij	University of Twente
Cristina Nita Rotaru	Northeastern University
Nick Sullivan	Cloudflare
Walter Willinger	Niksun

Steering Committee

Lars Eggert	NetApp
Mat Ford	Internet Society
Allison Mankin	Salesforce
Jörg Ott	TU München
Colin Perkins	University of Glasgow

IETF standards process : my informal overview

Internet draft (draft-goldbe-vrf)

Anyone can write one!

- find a home working group (WG)
- post to WG mailing list,
- present to WG at IETF
- revise, post, present, revise, post, present, …
- ask for "working group adoption"

adopted Internet draft (draft-irtf-cfrg-vrf)

"Rough consensus + running code"

- authors write with feedback from the WG
- revise, post, present, revise, post, present
- ask for "working group last call (WGLC)"

on the road to RFC (RFC9820)

review by area directors, IESG, etc
(you are winning if you get here)

the lifecycle of an internet draft -> RFC
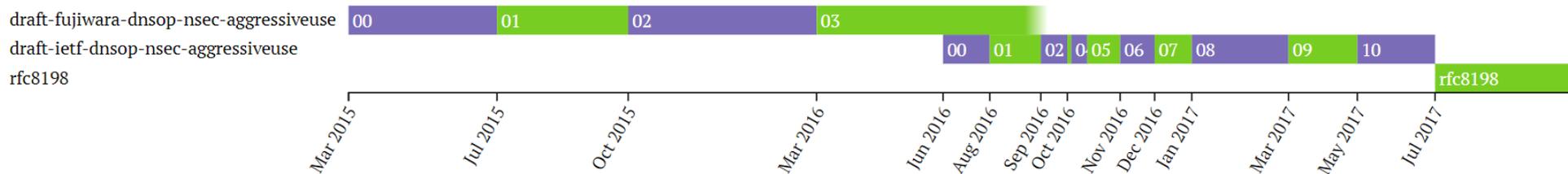
my advice for academics navigating the process

Rule #1: Find at least one "IETF native coauthor"
- They help you write the initial draft
- They help you with **initial presentation** (or they present)
  - you can do this, its like an academic presentation
- They help you **keep up with the mailing lists**
  - revise draft in response to comments (with your help)
- **They keep you in the process**
  - By doing follow up presos (**not** like academic presos!)
  - Also they go to lots of IETFs each year. You won't.
- They **build consensus** around draft (for adoption, WGLC)
- They help you get **running code**

Rule #2: You can have up to five coauthors. Choose wisely!

my advice for academics navigating the process

Rule #1: Find at least one "IETF native coauthor"

Rule #2: You can have up to five coauthors. Choose wisely!

Rule #3: Drafts need to be watered and fed

- Drafts expire after 6 months. Don't let them!
- Don't miss the draft deadline (2 weeks before each IETF!)

Rule #4: Building consensus is key

- Use hallway track to talk to WG members about your draft

My advice: Don't just wait/hope others will standardize your work, get involved!

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