

# IETF 109

## Administrative and Operations Plenary



Making the Internet work better

# IETF 109 Online Meeting Tips



For participants joining by Meetecho:

- Your audio will be muted and video will be off when you join
- Unmute only when you are recognized in the queue
- Video is welcome when you are speaking in the queue
- Use of a headset is strongly recommended
- More details:  
<https://www.ietf.org/how/meetings/109/session-participant-guide/>

# Agenda



- **Welcome**
- **Brief updates**
  - **IETF** Alissa Cooper
  - **IAB** Mirja Kühlewind
  - **IRTF** Colin Perkins
  - **NomCom** Barbara Stark
  - **IETF LLC** Jay Daley, Jason Livingood

# Agenda



- **In Memoriam**
- **Jonathan B. Postel Award**
- **Internet Engineering Steering Group (IESG) open microphone session**
- **Internet Architecture Board (IAB) open microphone session**
- **IETF Administration LLC open microphone session**



Thank you to our meeting host!



Thank you to everyone who  
helped make this meeting happen!

Secretariat

Meetecho

NOC

LLC

Tools Team

Hackathon Support



# IETF Chair Report

*Alissa Cooper*

# IETF Chair Report



- Impact of COVID-19
- Participant statistics
- Planning for future meetings
- Birds of a Feather (BOF) request process for IETF 110

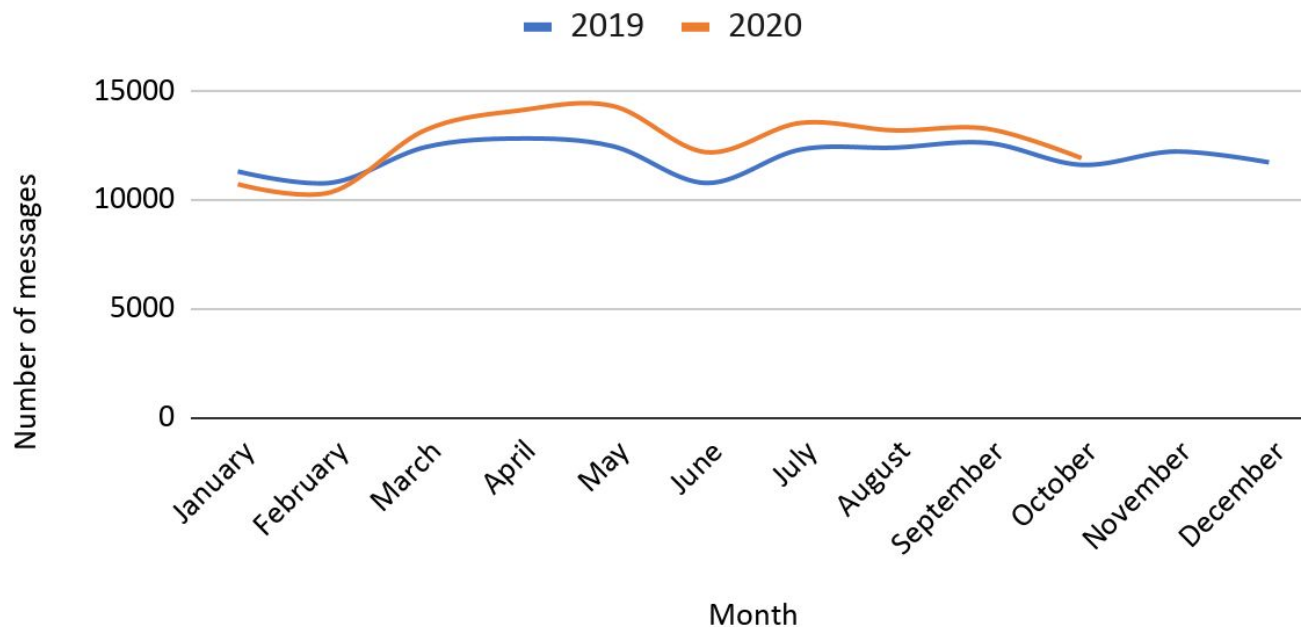


# Impact of COVID-19



## Mailing List Messages Posted

3-month moving average

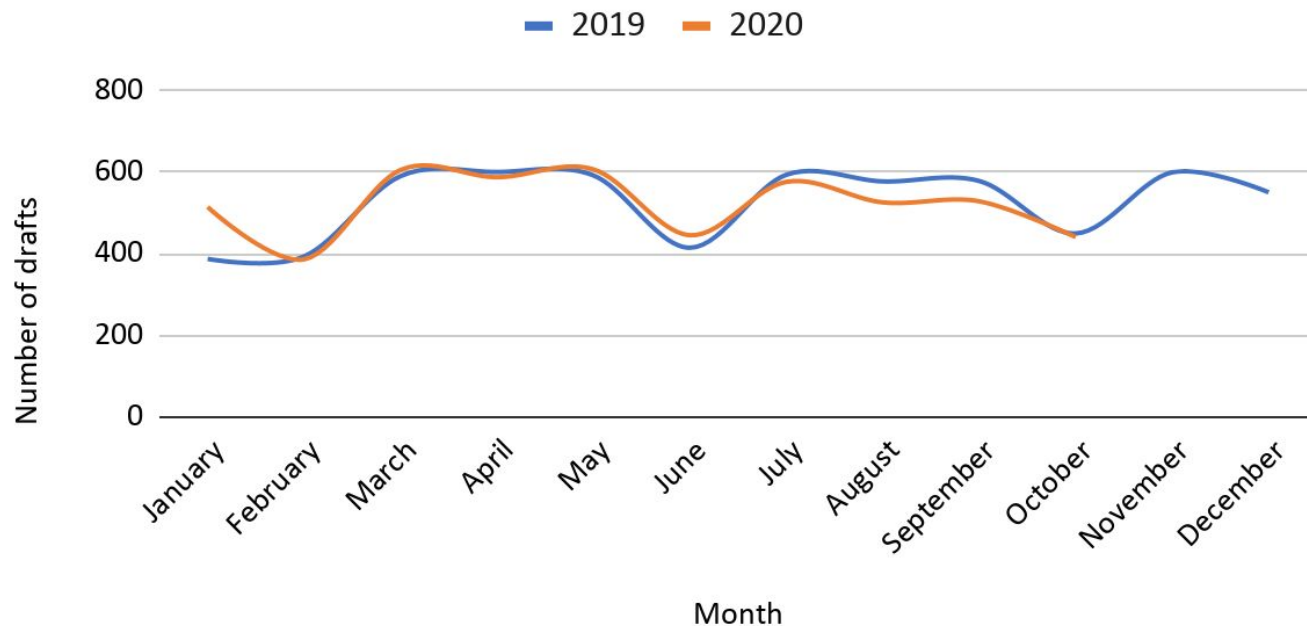


# Impact of COVID-19



## Internet-Drafts Posted

3-month moving average

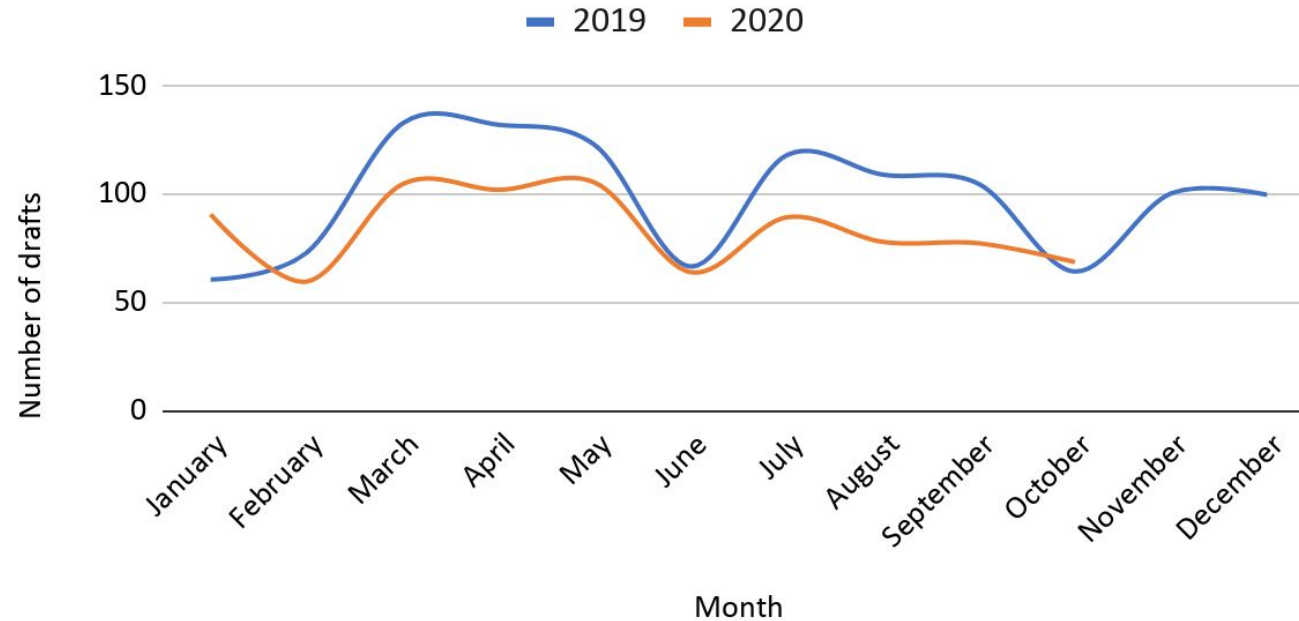


# Impact of COVID-19



-00 Internet-Drafts Posted

3-month moving average





Have we tried  
unplugging  
2020,  
waiting ten  
seconds,  
and plugging  
back in?



Have we tried  
unplugging  
2020,  
waiting ten  
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and plugging  
back in?



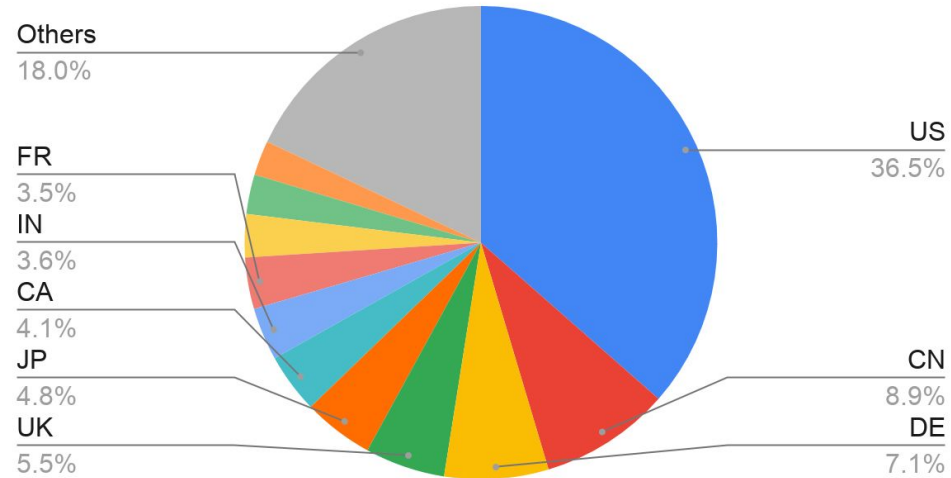
Email:  
[iesg@ietf.org](mailto:iesg@ietf.org)

# IETF 109 participant statistics



- 1246 registrations
- 250 fee waivers
- 284 Hackathon registrations (24 projects)
- Detailed attendance stats will be posted after the meeting is over

IETF 109 Registered Participants



# Planning for future meetings



IETF 110 will be an online meeting  
March 8-12, 2021

# Planning for future meetings



## Tools feedback

Reporting issues (ticket queues)

- Meetecho: [tickets@meeting.ietf.org](mailto:tickets@meeting.ietf.org)
- Jabber: [mtd@ietf.org](mailto:mtd@ietf.org)

Feature requests

- [tools-discuss@ietf.org](mailto:tools-discuss@ietf.org) (mailing list)

## Survey

Please fill out the IETF 109 meeting survey when it opens!

## Stay Home Meet Only Online (SHMOO) working group

Guidelines

- Meeting fees
- Async meetings
- Meeting cadence and length
- Hackathon
- Cancellation considerations
- Show-of-hands tool

Meeting: Friday, Nov 20, 5:00-7:00 UTC

List: [manycouches@ietf.org](mailto:manycouches@ietf.org)



# Birds of a Feather (BOF) timeline for IETF 110



Date	Action
January 12	BOF request deadline <ul style="list-style-type: none"><li>• Send email to <a href="mailto:iesg@ietf.org">iesg@ietf.org</a> and post an entry in the BOF wiki at <a href="https://trac.tools.ietf.org/bof/trac/wiki">https://trac.tools.ietf.org/bof/trac/wiki</a></li></ul>
January 14	IESG and IAB preliminary assessments
January 14-27	ADs and IAB shepherds work with proponents as necessary
January 28	IESG makes final assessments
January 29	BOF approval deadline

# Topics covered online



- Appeals (1)
- And more, plus reports from the IAB, IETF LLC Board, Secretariat, and IANA:  
<https://datatracker.ietf.org/meeting/materials/>
- IETF Blog: <https://www.ietf.org/blog/>



# Internet Architecture Board (IAB)

*Mirja Kühlewind*



# Internet Architecture Board (IAB) Report

IAB Chair: Mirja Kühlewind  
IETF-109 Online Meeting - Plenary

# IAB Report



The full IAB report can be found on the IAB webpage and in the IETF-109 proceedings:

<https://datatracker.ietf.org/meeting/109/materials/slides-109-ietf-sessa-iab-report-to-the-community-for-ietf-109-01>

This presentation covers

- IABOpen meeting (held yesterday)
- COVID-19 Network Impacts workshop (held last week)
- Appointments and Open Calls

# IAB Open Meeting



The IAB held yesterday for the second time the IAB Open Meeting in order to increase interaction with the community.

The agenda covered IAB drafts, workshops, and programs. Slides are available in the proceedings: <https://datatracker.ietf.org/meeting/109/session/iabopen>

Feedback is welcome to [iab@iab.org](mailto:iab@iab.org).

Public discussions on [architecture-discuss@iab.org](mailto:architecture-discuss@iab.org).

# IAB workshop on COVID-19 Network Impacts



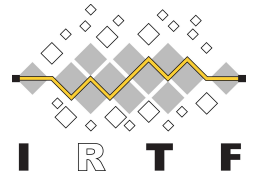
- Workshop took place online Nov 9-13.
- Recordings of all three sessions are available online.
  - Session 1 - Measurement and Observation: <https://youtu.be/RTJNaE7TnGA>
  - Session 2 - Operational Issue: [https://youtu.be/tleJg1\\_SGXM](https://youtu.be/tleJg1_SGXM)
  - Session 3 - Future/Conclusions/Parking Lot: <https://youtu.be/KCwUBQAkEww>
- Report is work in progress.

# Appointments and Open Calls



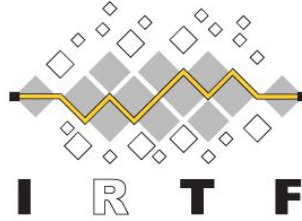
- Thanks to Tim April for serving on the ICANN Root Zone Evolution Review Committee (RZERC)!
- The IAB is currently seeking feedback on the ***ICANN Technical Liaison Group Appointment*** (deadline is **Nov 20, 2020**):  
<https://www.iab.org/2020/10/23/call-for-feedback-on-the-icann-technical-liaison-group-appointment/>
- The call for nominations for two appointments to the ***Internet Society Board of Trustees*** is open now (deadline is **Jan 5, 2021**):  
<https://www.iab.org/2020/11/10/call-for-nominations-ietf-appointment-to-the-isoc-board-of-trustees-7/>





# Internet Research Task Force (IRTF)

*Colin Perkins*

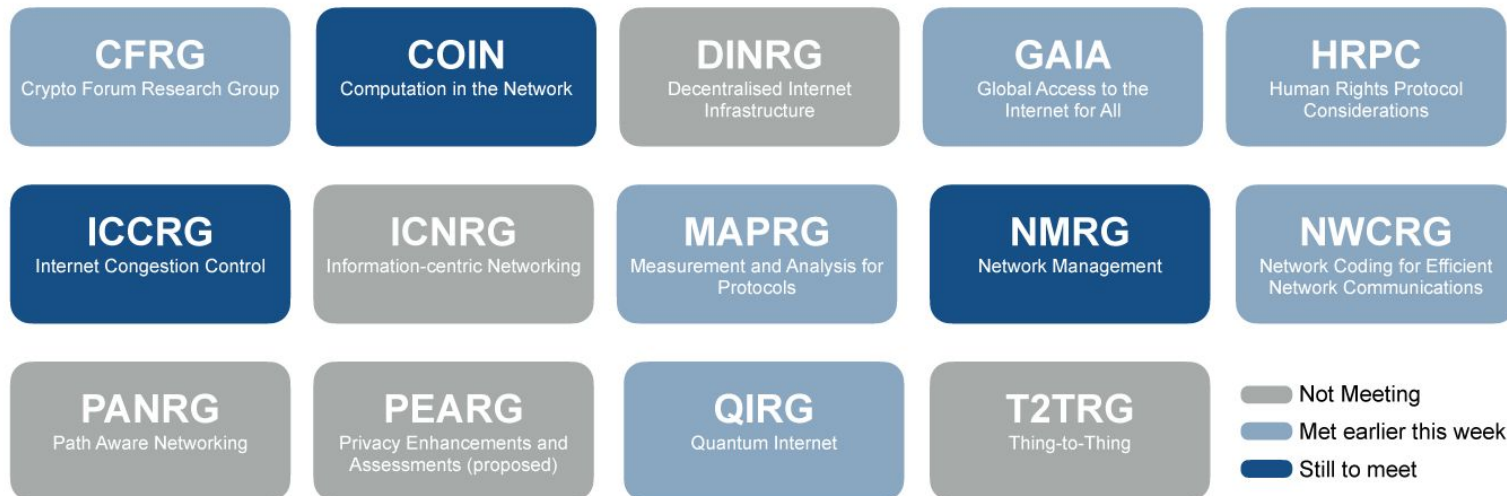


# **Internet Research Task Force Plenary Report**

Colin Perkins  
IRTF Chair

IETF 109 / 18 November 2020

# Research Groups



**The IRTF conducts research; it is not a standards development organisation**

**“An IRTF Primer for IETF Participants” – RFC 7418**

# Applied Networking Research Prize (1/2)

- Awarded to recognise
  - **the best recent results** in applied networking
  - interesting **new research ideas of potential relevance to the Internet standards community**
  - and **upcoming people that are likely to have an impact** on Internet standards and technologies

with particular focus on people or ideas that would not otherwise get much exposure or be able to participate in the discussion

- Details and how to nominate: <https://irtf.org/anrp/>
- **Nominations for ANRP 2021 awards open until 22 November**



# Applied Networking Research Prize (2/2)

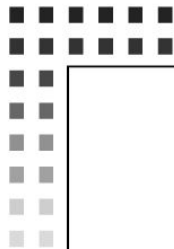
- Three ANRP prize winning talks in IRTF Open Meeting on Friday:
  - **Debopam Bhattacharjee** for his work on the design of network topologies for low-earth orbit satellite constellations
  - **Georgia Fragkouli** for her work on Internet transparency
  - **Ranysha Ware** for her work on congestion control fairness



- Details and how to nominate: <https://irtf.org/anrp/>
- **Nominations for ANRP 2021 awards open until 22 November**

# Nominations Committee (NomCom)

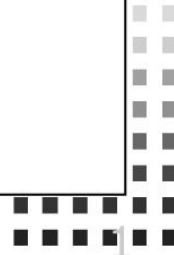
*Barbara Stark*



# **NomCom 2020-21**

**Barbara Stark  
NomCom Chair**

**IETF 109 Plenary, November 2020**





## NomCom Status

**We have an awesome and dedicated group of people on NomCom this year.**

**And an amazing set of highly-qualified nominees.**

**We have held 43 WebEx interviews, and have just 1 more scheduled (later “today”).**

**Community feedback period ends Friday -- feel free to define “Friday” for yourself because I won’t push the off button till my Saturday.**

**NomCom web page (use for info and to provide feedback):**

**<https://datatracker.ietf.org/nomcom/2020/>**





# The Remaining Schedule

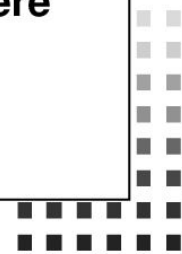
**Friday, November 20, 2020: Deadline for community feedback**

**<many hours of deliberation>**

**Monday, December 21, 2020: The selection process completes and sends slate to confirming body.  
(NomCom's aspirational date -- actually we're aspiring to something earlier because we all really need a vacation from this year.)**

**<confirming bodies decide whether to confirm the slates we sent them>**

**March 6-12, 2021: IETF 110 NomCom reports. And there was much rejoicing.**



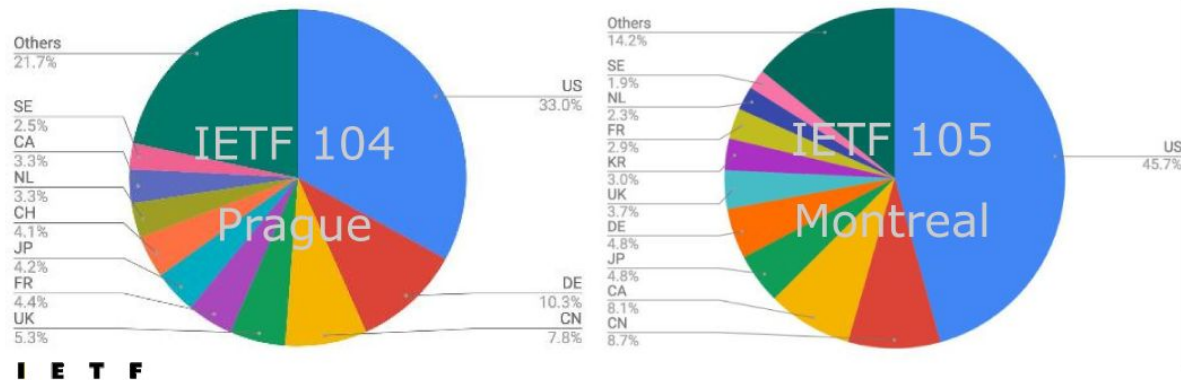
## Some Statistics (food for thought)

26 of 40 nominees (65%) (3 people had multiple interviews for different positions) were identified by Calendly as being in 3 North America time zones.

12 of 40 (30%) were identified as being in 3 European time zones.

2 of 40 (5%) in East Asia time zones.

This distribution is different from participant distribution.





## **<soapbox>**

**IETF is driven by the community. Maybe we should stop waiting for “leadership” to “fix” this (along with everything else they do) and do something ourselves -- individually. It doesn’t take a special committee to look around you and see people from other parts of the world who are contributing -- writing drafts, taking WG notes (in a foreign language!), etc. Talk to them. Offer to mentor them by maybe chatting monthly. Get to know them and understand what barriers they’re facing. Help remove those barriers so they get RFCs published and are considered for WG chair positions. Build the pipeline.**



**</soapbox>**





# IETF Administration LLC

*Jay Daley, Jason Livingood*

# IETF Administration LLC Report

## Part 1 - Operations IETF Executive Director

**IETF 109  
November 2020**



Making the Internet work better

**IETF Administration LLC**  
**Thank you to the IETF 109 Host**



**Gold Sponsor**

IETF 109 Online



**HUAWEI**

**Silver Sponsor**

IETF 109 Online  
Diversity and Inclusivity



### Bronze Sponsors



IETF 109 Online  
Sponsor



Running Code  
Sponsor



Diversity & Inclusivity  
Sponsor

### Fee Waiver Sponsors





## **Equipment Sponsors**



## Bangkok Local Sponsor



## **Codesprint**

Russ Housley  
Tero Kivinen  
Henrik Levkowitz  
Robert Sparks  
Peter Yee

## **NOC**

Bill Fenner (Arista)  
Bill Jensen (University of Wisconsin–Madison)  
Clemens Schrimpe  
Hans Kuhn (NSRC)  
Hirochika Asai (Preferred Networks/WIDE)  
Joe Clarke (Cisco)  
Karen O'Donoghue (ISOC)  
Lucy Lynch  
Rob Austein (Arrcus/DRL)  
Warren Kumari (Google)

## **Secretariat**

Alexa Morris  
Amy Vezza  
Cindy Morgan  
Glen Barney  
Jasmine Magallanes  
Jenny Bui  
Laura Nugent  
Liz Flynn  
Ryan Cross  
Stephanie McCammon

## **NOC**

Con Reilly  
Nick Kukich  
Rick Alfvín  
Sean Croghan

## **Tools**

Henrik Levkowetz  
Margaret Cullen  
Mark Donnelly  
Robert Sparks

## **Meetecho**

Alessandro Amirante  
Lorenzo Miniero  
Paolo Saviano  
Simon Pietro Romano  
Tobia Castaldi

## **LLC**

Greg Wood

**IETF 110 Online**  
**8-12 March 2021**

**The IETF 110 Host will be announced soon**

**Sponsorship Opportunities Available!**  
**Contact [sponsorship@ietf.org](mailto:sponsorship@ietf.org)**



## IETF Administration LLC

### Future meeting locations and venues

MEETING LOCATION	VENUE	DATES	HOSTS
<b>IETF 110 – Online</b>	Online	March 8 – 12, 2021	*
<b>IETF 111 – San Francisco</b>	Hilton Union Square	July 24 – 30, 2021	Juniper Networks
<b>IETF 112 – Madrid</b>	Melia Castilla Hotel	November 6 – 12, 2021	*
<b>IETF 113 – Asia</b>	TBA	March 19 – 25, 2022	*
<b>IETF 114 – Philadelphia</b>	Philadelphia 201 Hotel	July 23 – 29, 2022	Comcast/NBCUniversal

\* Please contact [sponsorship@ietf.org](mailto:sponsorship@ietf.org) if interested in sponsoring a meeting

## IETF Administration LLC

### Registration numbers

Ticket Type	Registered	Budget
Early Bird	524	500
Standard	155	100
Late	98	50
Student	60	100
One-day	94	0
Waivers	250	
<b>TOTAL</b>	<b>1,181</b>	<b>750</b>



# Final remarks

# IETF Administration LLC Report

## Part 2 - LLC Board Update Board Chair - Jason Livingood

**IETF 109  
November 2020**



Making the Internet work better

## IETF Administration LLC

### Who serves on the Board?



Maja  
Andjelkovic



Alissa  
Cooper



Jason  
Livingood,  
Chair



Sean  
Turner,  
Treasurer



Peter  
Van Roste

## IETF Administration LLC

### Upcoming Board Meetings

#### Date & Time (UTC)

10 December 2020 - 20:00 UTC	11 March 2021 - 20:00 UTC
14 January 2021 - 20:00 UTC	8 April 2021 - 19:00 UTC
11 February 2021 - 20:00 UTC	13 May 2021 - 19:00 UTC

The Board strives for transparency with the IETF Community. Board meetings are open to observers except for items such as legal, contracts, personnel, and other matters that benefit from confidentiality. Each meeting is divided into four sections: Open; Board and Staff Only; Board and ED Only; Board Only. Our goal is to publish agendas one week or more before each meeting. Minutes of past meeting are also posted on a timely basis.

Schedule of future meetings & how to join:

<https://www.ietf.org/about/groups/llc-board/meeting-info>

Past meeting minutes: <https://www.ietf.org/about/groups/llc-board/minutes>

## IETF Administration LLC

### Recent Board Work Completed

1. Concluding work with ISOC to renew their financial support commitment to the IETF
2. Preparing to implement fundraising & sponsorship strategy
3. Statement on Competition Law issues

## IETF Administration LLC

### Current Fiscal Year Operating Budget

August Balances, "F1" reforecast budget

	YTD Actual	YTD F1 Budget	YTD Variance %	Annual F1 Budget
<b>Revenue</b>	\$1,665,447	\$854,277	↑ (95%)	\$6,847,907
<b>Expenses</b>	\$4,146,407	\$4,362,059	↓ 5%	\$6,693,607
<b>Capital Investment</b>	\$225,760	\$107,000	↑ (111%)	\$160,500
<b>Net Income after capital</b>	(\$2,706,720)	(\$3,614,782)	↑ (25%)	(\$6,199)

#### Investments

31 Aug 2020	31 Jan 2020	Change
\$18,216,319	\$17,157,771	↑ \$1,058,548

## IETF Administration LLC

### Contact & Background Information

- Email:
  - Public feedback to the board only: [LLC-Board@ietf.org](mailto:LLC-Board@ietf.org)
  - Executive Director: [exec-director@ietf.org](mailto:exec-director@ietf.org)
  - Sponsorship: [sponsorship@ietf.org](mailto:sponsorship@ietf.org)
- IETF LLC web pages of interest:
  - General: <https://www.ietf.org/about/administration/>
  - Future Meetings: <https://www.ietf.org/about/groups/llc-board/>
  - Past Meeting Minutes:  
<https://www.ietf.org/about/groups/llc-board/minutes/>
  - Financial Statements:  
<https://www.ietf.org/about/administration/financial-statements/>
  - Policies: <https://www.ietf.org/about/administration/policies-procedures/>
  - Submit a whistleblower concern: <https://ietf.ethicspoint.com>

# Thank You



Making the Internet work better





In Memoriam

Jim Schaad  
1959-2020





# Jonathan B. Postel Award



# Internet Engineering Steering Group (IESG)

# IESG Open Mic

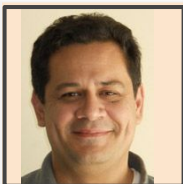


## ART



Murray

## RTG



Alvaro

## TSV



Martin

## INT



Erik

## OPS



Rob



Barry



Deborah



Magnus



Éric



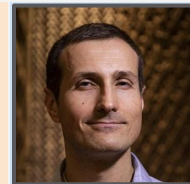
Warren



Alissa



Martin



Roman



Benjamin



Mirja  
*ex-officio*  
IAB Chair

## GEN

## SEC



# Internet Architecture Board (IAB)

# IAB Open Mic



Jari



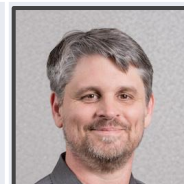
Ben



Alissa



Stephen



Wes



Cullen



Mirja



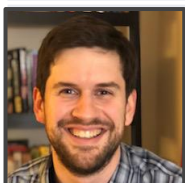
Zhenbin



Jared



Mark



Tommy



Jeff



Jiankang



Colin  
*ex-officio*  
IRTF Chair



John  
*Temporary*  
*RFC Series*  
*Project*  
*Manager*



# IETF Administration LLC Open Microphone Session



# IETF Administration LLC

## Open Mic



Maja  
Andjelkovic



Alissa  
Cooper



Jason  
Livingood,  
Chair



Sean  
Turner,  
Treasurer



Peter  
Van Roste