

# RIPE MEETING 101

/newcomers' session

[/welcome](#)

28-10-2024

# Welcome to your first RIPE Meeting

[/my-first-RIPE-Meeting](#)

This is RIPE 89.

RIPE 1 took place in Amsterdam in 1989.



# Meet the RIPE Chair

/mirjam

I'm **Mirjam Kühne**.

RIPE Chair since September 2020.

Worked for the RIPE NCC for many years, also for ISOC. My first RIPE Meeting was **RIPE 19**.

Email: [chair@ripe.net](mailto:chair@ripe.net)



# Meet the RIPE Vice Chair

/niall

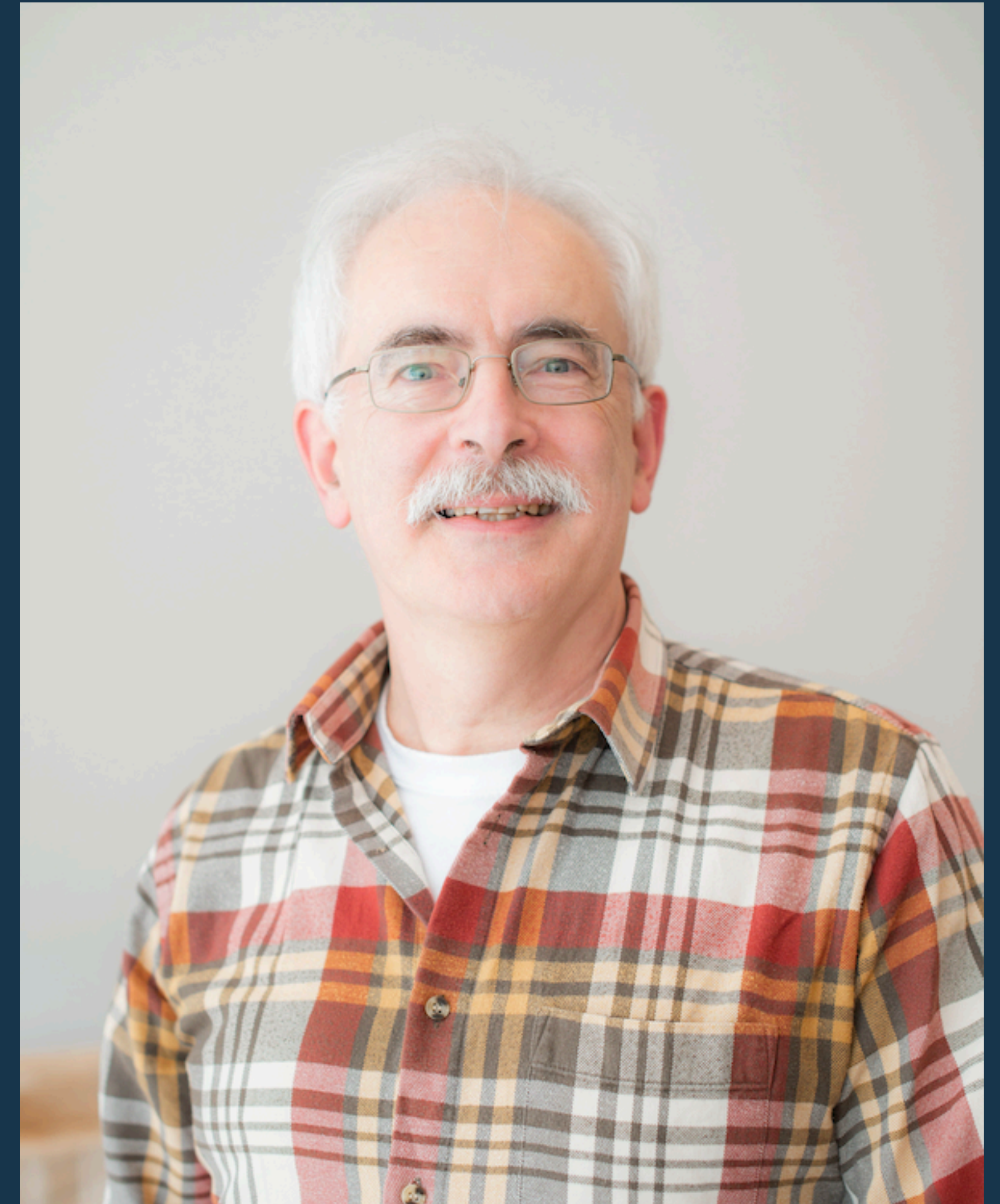
I'm Niall O'Reilly.

RIPE Vice Chair since September 2020. My first RIPE Meeting was RIPE 3.

Used to work for University College Dublin. Former co-chair of ENUM and TLD Working Groups.

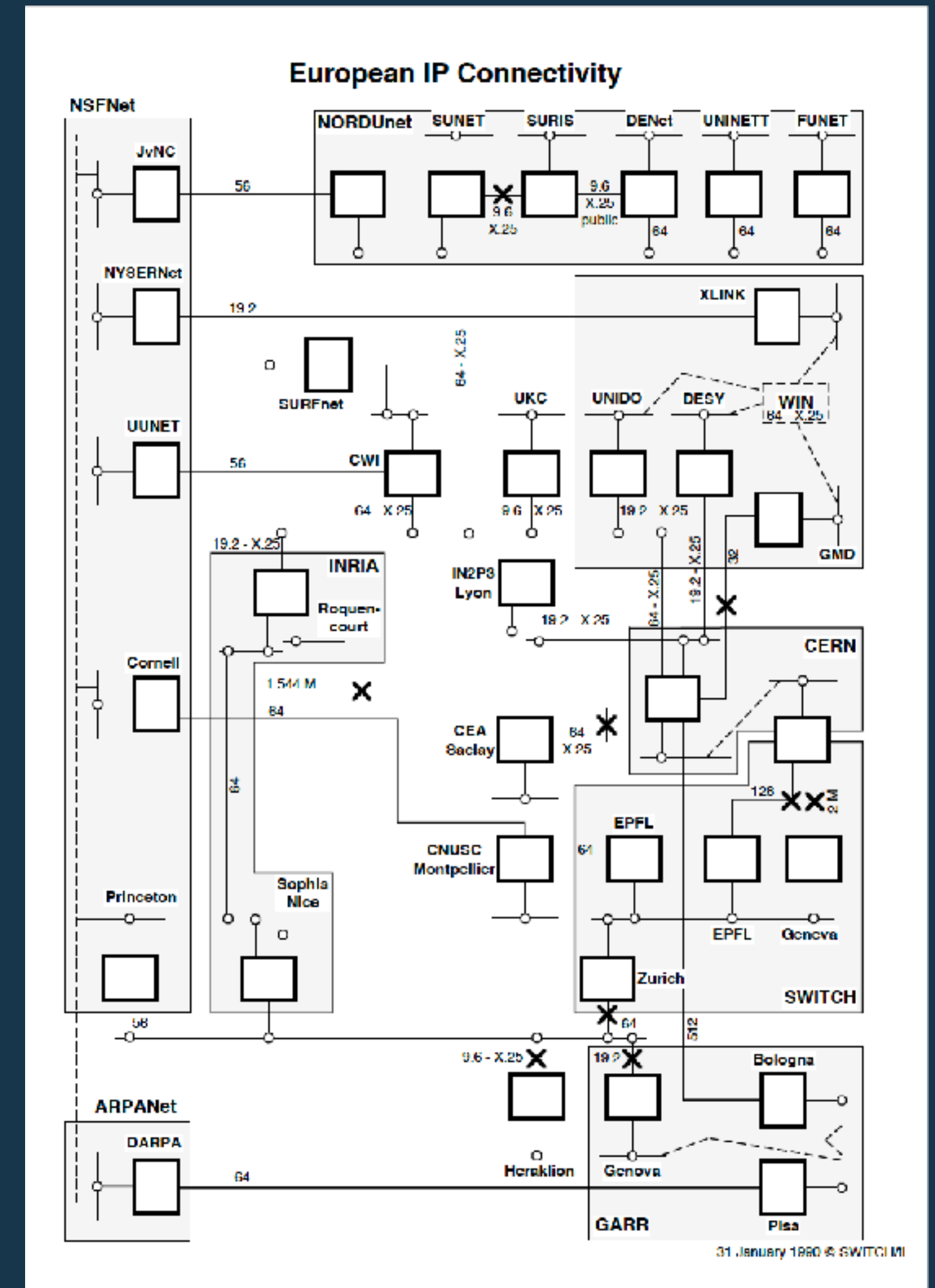
Email:

[vice-chair@ripe.net](mailto:vice-chair@ripe.net)



# A blast from the past

/waybackwhen



By w>User:Grm wnr - Modifications of Image:Macintosh 128k.jpg and w:Image:Macintosh 128k No Text.jpg, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=519781>

# Answer the poll!

`/yes-or-no`

Do you know the difference  
between RIPE and the RIPE NCC?

YES

NO

# RIPE

**/community**



- Formed in **1989**
- Community
- Open to all
- Information exchange
- Technical coordination
- Policy development

# RIPE NCC

**/secretariat**



- Formalised by RIPE in **1992**
- Membership organisation
- Run by RIPE NCC staff and an Executive Board elected by the members
- Provides services and is the RIPE secretariat
- Implements policies

# The RIPE community

/you



## Working Groups

- Address Policy
- Security **NEW!**
- Connect
- Cooperation
- Database
- DNS
- IPv6
- Measurements & Tools (MAT)
- Open Source
- The Internet of Things (IoT)
- RIPE NCC Services
- Routing

<https://ripe89.ripe.net/programme/ripe-wg-chairs/>



# The RIPE community

/you



## Mailing Lists

RIPE mailings lists are used to discuss the development of the Internet, hear what other technical experts have to say and develop new RIPE policies.

Working Group chairs **announce conclusions** on their respective mailing lists. This includes policy development announcements.

**Subscribe** to the lists that interest you and join the conversation!

<https://www.ripe.net/community/wg/>

# Subscribe to the ripe-list

[/ripe-list](#)



## ripe-list:

- Good place to start for newcomers
- Stay on top of what's happening in the community
- Email to [ripe-list@ripe.net](mailto:ripe-list@ripe.net)
- Subscribe at:

<https://www.ripe.net/membership/mail/ripe-mailing-lists/ripe-list/>



# At RIPE 89

/meeting-plan

	Monday 28 October	Tuesday 29 October	Wednesday 30 October	Thursday 31 October	Friday 1 November
08:30	Welcome Coffee	Welcome Coffee	Welcome Coffee	Welcome Coffee	Welcome Coffee
09:00	Tutorial	Plenary	Address Policy	IPV6	Plenary
09:30					
10:00					
10:30		Coffee Break	Coffee Break	Coffee Break	GM Results   Coffee Break
11:00	Coffee Break	Plenary	Address Policy	Database	Closing Plenary
11:30	Newcomers' Introduction				
12:00					
12:30	Lunch	Lunch	Lunch	Lunch	Lunch
13:00					
13:30		Newcomers' Lunch			
14:00	Opening Plenary	Plenary	RIPE NCC Services	Routing	
14:30					
15:00					
15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
16:00	Plenary	MAT	General Meeting	RIPE Community Plenary	
16:30					
17:00					
17:30	Coffee Break	Coffee Break		Coffee Break	
18:00	BCOP TF	Diversity in Tech		BoF	
18:30					
19:00					
19:30	Welcome Reception, Meet the RIPE Chair Team and RIPE NCC Executive Board				
20:00					
20:30					
21:00		Networking Event		RIPE 89 Dinner	
21:30					
22:00					
22:30					
23:00					
23:30					

<https://ripe89.ripe.net/programme/meeting-plan/>

# BCOP Task Force

/BCOP

Monday, 18:00–19:00

Strengthening the Community  
and Documenting Operators'  
Experience in the Time of  
War: Case of NOGUA

Olena Kushnir, Victoria  
Opanasiuk, Alena Muravska

Documenting the RIPE  
Consensus Process

Sander Steffann, Gert  
Doering, Benno Overeinder,  
Jan Žorž

<https://ripe89.ripe.net/programme/meeting-plan/bcop-tf/>

# Diversity, Equity & Inclusion in Tech Session

## [/diversity](#)

**When:** Tuesday

18:00–19:00 (CET/UTC+1)

**Where:** Main Room

The Diversity and Inclusion in Tech Session is open to all. Everyone is encouraged to join!

This session is about what we can do to support you, so please join in.

<https://ripe89.ripe.net/programme/meeting-plan/diversity/>



# Birds of a Feather (BoF)

/BoF

Thursday, 18:00–19:00

The Future of Network Operator Groups (NOGs): Messages to the Community

This BOF session aims to bring together Network Operator Group (NOG) organisers from within our community to discuss the messages they want to communicate to the general public.

Thursday, 18:00–19:00

DNS Resolver Recommendations in Practice

The DNS Resolver Recommendations document (ripe-823) was published earlier this year to provide guidance and promote effective practices in DNS resolver operations. How do the current resolver operations compare to these recommendations?

<https://ripe89.ripe.net/programme/meeting-plan/bof/>

# How to Participate

## /speak-up

### Join the audio/ video queue

You can ask a question directly using **audio** and/or **video** in Meetecho.

Click the **mic/video icon** to get in the audio/video queue.

### Use the Q&A

You can ask a question by typing it in the **Q&A** window.

Always type your **affiliation** along with your question.

### Chat

Chat with the group or one-on-one with other participants.

The public chat archives will be published on the RIPE Meeting website.



# Local Hubs

[/remote](#)

We welcome participants  
in local hubs at RIPE  
89!

Network with RIPE  
community members right  
where you are.

[https://  
ripe89.ripe.net/attend/  
local-hubs/](https://ripe89.ripe.net/attend/local-hubs/)

Bucharest (Romania)

Jarosław (Poland)

Sana'a (Yemen)

# Why Participate?

## /speak-up

- Engage with experts in network operations, Internet measurements, research and more
- Build your professional network
- Talk to people who speak your language
- Be part of a community that helped build the Internet
- Contribute to discussions and help others learn from your experience
- Help shape the Internet



# RIPE Programme Committee (PC)

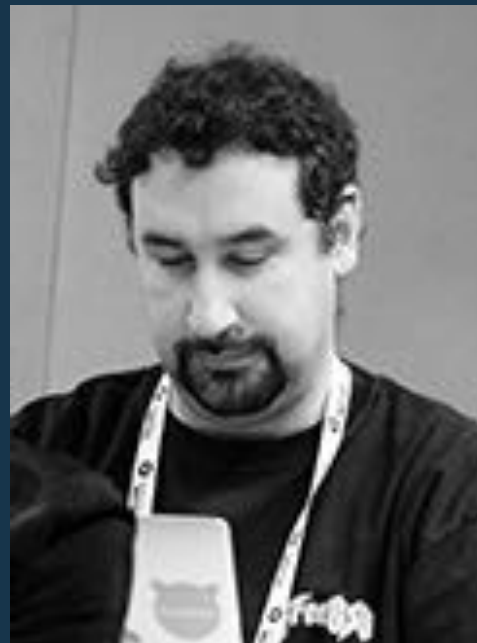
## /responsibilities

- The RIPE Programme Committee is responsible for the plenary, not the Working Groups
- It **selects presentations** based on what is interesting for the wider audience (as opposed to industry-sponsored presentations)
- If you have an interesting topic for the next RIPE Meeting, please submit
- We elect PC members at RIPE Meetings. **You can vote too!**



# RIPE Programme Committee

/meet-the-pc



**Massimiliano**  
Chair



**Brian**  
Vice Chair



**Khalid**  
MENOG Rep



**Jan**  
SEE Rep



**Ondrej**  
Local Host Rep



**Doris**



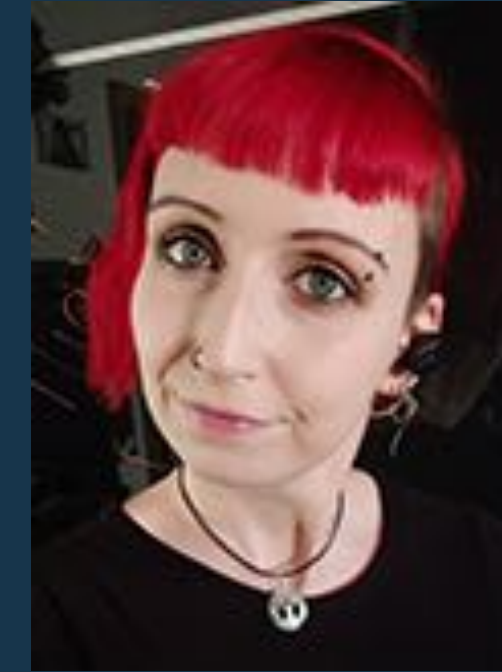
**Clara**



**Kevin**



**Moin**



**Franziska**



**Antonio**



**Valerie**

<https://ripe89.ripe.net/programme/ripe-pc/>

# Rate the presentations

[/win-prizes](#)

Login to your RIPE NCC  
Access account on  
[ripe89.ripe.net](https://ripe89.ripe.net)

Go to the session pages. If  
you are logged in, you will  
see an icon next to the  
presentation to rate it.

And you will be entered  
into a draw to win prizes!

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# RIPE Code of Conduct

/CoC

For over a quarter century, the RIPE community's strength comes from its breadth of experience, diversity of views, and **an open, respectful exchange of ideas** – values that we want all of our RIPE Meeting attendees to uphold.

Please treat each other with **tolerance and respect**. Free speech and an open exchange of ideas are encouraged and celebrated. Demeaning, intimidating or harming anyone at the meeting is wrong. We are especially sensitive to behaviour that offends based on gender, sexual orientation, religion, race or ethnic origin, or other perceived social, cultural, or personal differences.

<https://ripe89.ripe.net/about/code-of-conduct/>

# Code of Conduct Team

[/code-of-conduct](#)

If you experience or witness behaviour that makes your or others uncomfortable, please speak with the Code of Conduct Team.



Franziska  
Lichtblau



Andrew  
McConachie



Randy Bush



Cynthia Revström



Samaneh  
Tajalizadehkhoob



Sebastian Becker



Rob Lister



Maria Stafyla



Saloumeh Ghasemi



Vesna Manojlovic

[https://  
ripe89.ripe.net/  
about/code-of-  
conduct/](https://ripe89.ripe.net/about/code-of-conduct/)

# Network

## /connect-with-other-attendees

### Chat and Interact

Use Meetecho to interact with other attendees. You can send messages individually or chat with the group.

### Attendee List

You can see who else is attending RIPE 89 – onsite or online using the attendee list. It's available for networking purposes only!



# Onsite Social Events

[/meet-the-community](#)

Monday,  
18:30–20:30

Welcome  
Reception

Get to know the RIPE community, meet the RIPE Chair team and the RIPE NCC Executive Board.

Tuesday,  
21:00–01:00

Networking Event  
Červený Jelen

Network with your fellow RIPE 89 attendees in a historic former bank building.

Bring your badge!

Thursday,  
20:00–01:00

RIPE Dinner  
The National Museum

History meets mystery for a night of unforgettable thrills at this iconic Prague landmark

Tickets required

<https://ripe89.ripe.net/programme/social-events/>

# Academic and NREN Reception

[/parallel-events](#)

**When:** Tuesday, 29 October  
18:00–19:30 (UTC+1)

**Where:** Tycho Room

Join this networking event to connect with other researchers, academics and NREN staff.

[https://ripe89.ripe.net/  
programme/parallel-events/  
academic-nren/](https://ripe89.ripe.net/programme/parallel-events/academic-nren/)



# Share your experience

[/feedback](#)

Fill in the feedback survey.

<https://ripe89.ripe.net/feedback>

#RIPE89



@ripemeeting



@ripe\_ncc



@mastodon.social  
@ripenncc

# Get support!

## /troubleshooting

Our **meeting support team** is here to help you!

For **technical problems** with Meetecho or presentation uploads – email [opsmtg@ripe.net](mailto:opsmtg@ripe.net)

For anything related to meeting registration, agendas, mentoring – email [meeting@ripe.net](mailto:meeting@ripe.net)



# Meet and Greet

[/get-to-know-us](#)

The **RIPE NCC Meet and Greet** team can help you find your way.

They're available to help you. Look out for the bright red t-shirts!

- Ask them for information
- Or just drop in to chat!



# Coming Soon: New RIPE Meeting Websites

## [/ripemeeting](#)

The RIPE NCC are starting a project to make future websites for the RIPE Meetings more usable, accessible and secure.

The Web Services team would like your input:

- What do you find **useful**?
- What do you think is **missing**?
- What could be done **better**?



Speak to Phillip Oldham  
Web Services Manager



Submit your input here

<https://www.ripe.net/s/mss-suggestions>

**RIPE NCC**  
**/here-to-help**



RIPE

**/community**



- Formed in **1989**
- Community
- Open to all
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- Technical coordination
- Policy development

RIPE NCC

**/secretariat**



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- Run by RIPE NCC staff and an Executive Board elected by the members
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- Implements policies



# Our Strategic Objectives

**/RIPE-NCC**



<b>1</b>	<b>Support an open, inclusive and engaged RIPE community</b>
<b>2</b>	<b>Operate a trusted, efficient, accurate and resilient Registry</b>
<b>3</b>	<b>Enable our members and community to operate one secure, stable and resilient global Internet</b>
<b>4</b>	<b>Maintain a stable organisation with a robust governance structure</b>
<b>5</b>	<b>Attract engaged, competent and diverse staff</b>

# The Registry

/RIPE-NCC



- Maintains the RIPE Database
- Allocates and manages Internet number resources via the LIR Portal
- Investigates hijacks and policy violations
- Supports and facilitates the Policy Development Process with the community
- Ensures secure routing with RPKI

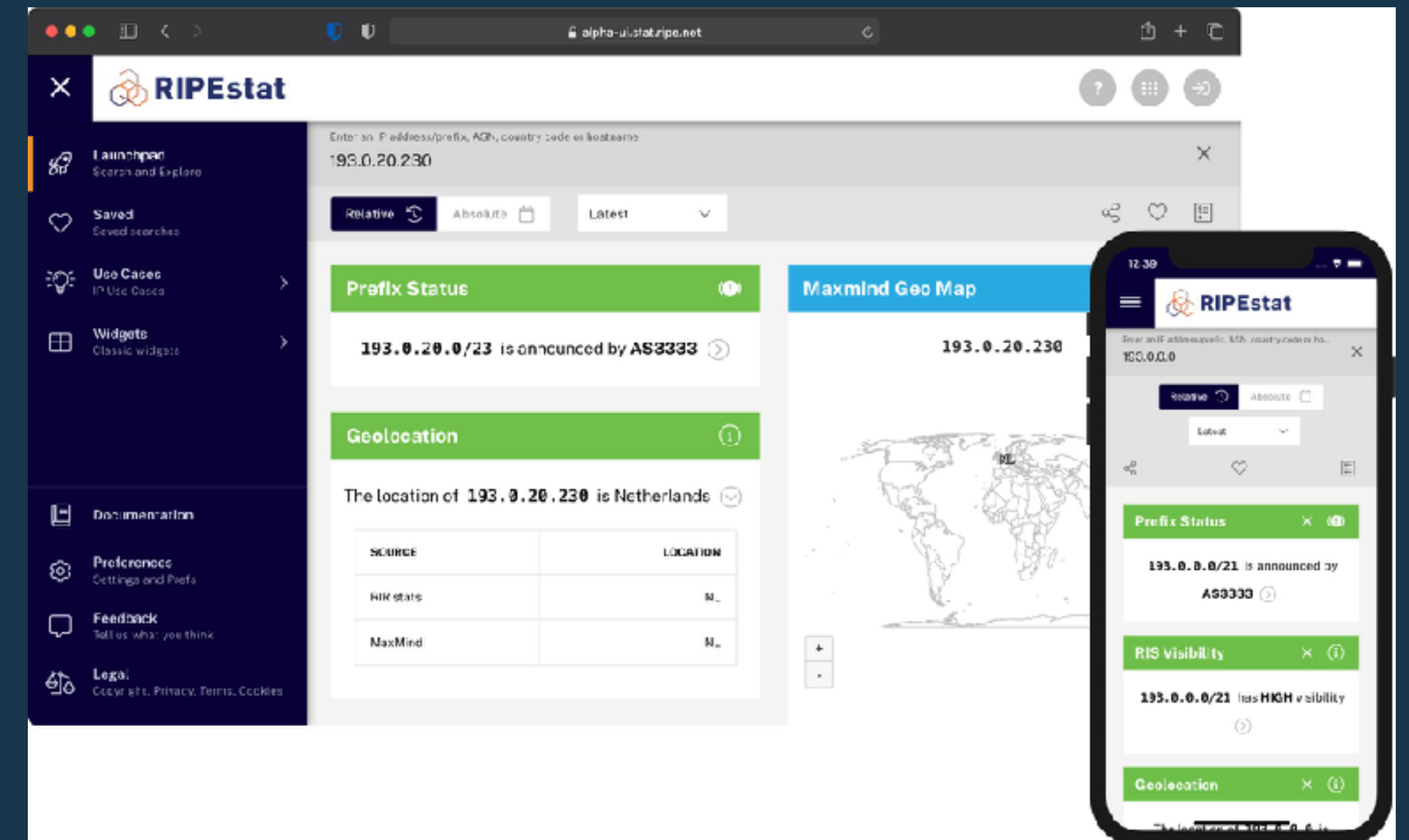


# Information Services

/RIPE-NCC



- Develops and maintains Internet measurement services (RIPEstat, RIPE Atlas, RIS, RIPE IPmap)
- Operates K-root, one of the 13 root-name servers
- Delegates reverse DNS zones for the address ranges we manage and provides reliable, authoritative name servers

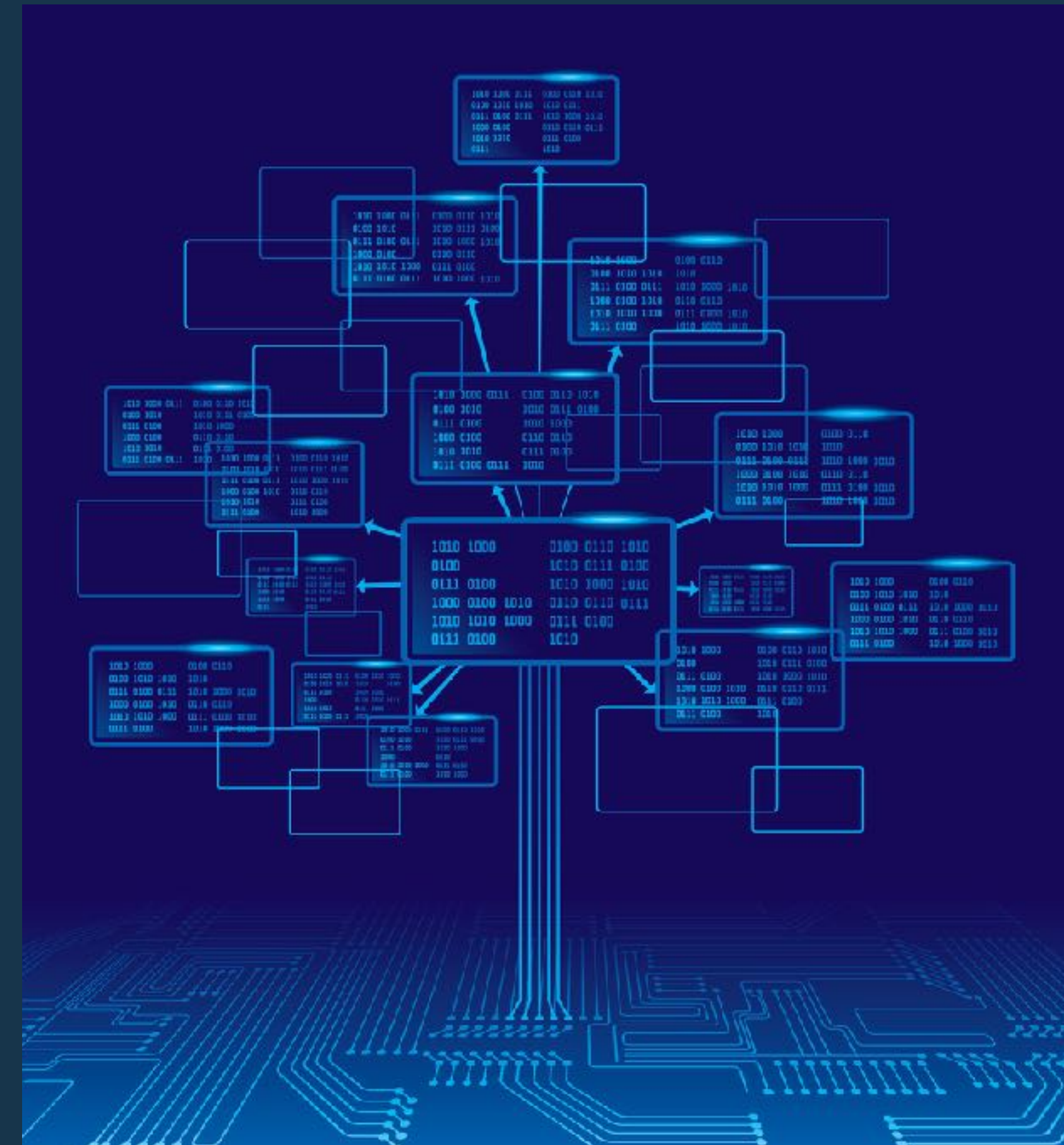


# The RIPE Database

/RIPE-NCC



- Provides accurate registration information of Internet number resources
- Publishes routing policies by network operators (RIPE IRR)
- Facilitates coordination between network operators
- Provisions Reverse Domain Name System (rDNS) and ENUM delegations
- Enables research into network operations and topology



# The LIR Portal

[/my.ripe.net](https://my.ripe.net)

– Lets you manage your registry data and make queries and updates.

– Make requests for IPv4, IPv6 and AS Numbers

– Open tickets with Member Services

– View billing and membership information

– Secure your routing with RPKI



## Welcome to the RIPE NCC LIR Portal

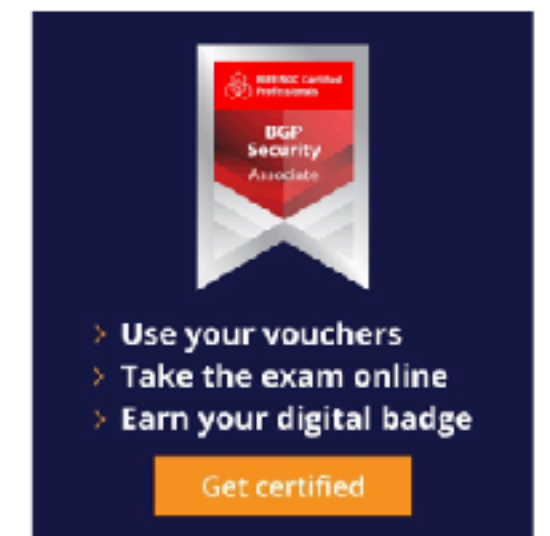
The LIR Portal lets you manage your registry data and make queries and updates.

Features of the LIR Portal include:

- View and edit your LIR contact and address information
- View billing information
- View IP and AS resources
- Check the status of open tickets
- Register for the RIPE NCC General Meeting
- Request IPv4, IPv6 and AS Numbers
- Update certain attribute values in allocation objects
- Request approval and have an assignment automatically registered in the RIPE Database

All information exchanged is encrypted to ensure security.

The [RIPE NCC Member Update](#) is a useful way to stay up-to-date with the latest RIPE and RIPE NCC developments, issues and policies.



Your LIR can claim three vouchers and use them to schedule a RIPE NCC Certified Professionals exam. Take the first step towards getting certified by claiming your vouchers in the RIPE NCC Academy dashboard.

[Read more about getting certified by the RIPE NCC.](#)

# How does RPKI secure Internet Routing?

## /routingsecurity



**4** Operators use these statements to make better routing decisions!

# Community and Engagement

## /RIPE-NCC



- Organises RIPE Meetings, regional meetings and other events
- Offers training courses, e-learning and professional certifications
- Contributes to public policy and Internet Governance discussions
- Publishes and curates articles on RIPE Labs
- Runs the RIPE Fellowship and RACI programmes

The screenshot displays the RIPE Labs website interface. At the top, there is a navigation bar with the RIPE Labs logo and a search icon. Below the navigation bar, a featured article titled "A History of Mailing Lists in the RIPE Community" is highlighted. The article is by Ilke Ilhan, dated 7 Oct 2024, and is 14 minutes long. It is categorized under "community" and "operational". To the right of the featured article, there is a sidebar with a search bar and a "Want to contribute? Learn how" link. Below the featured article, there is a section for "Latest articles" with three articles: "CAPIF 3 Report: Strengthening Peering and Internet Growth in Central Asia" by Anastasiya Falk (11 Oct 2024, 5 min read), "RIPE Chair Team Reports: October 2024" by Mirjam Kühne (10 Oct 2024, 5 min read), and "The RIPE NCC Academy - Ten Years Later" by Pedro da Silva Vaz (5 Oct 2024, 8 min read). To the right of the latest articles, there is a section for "Latest Podcasts" with three podcasts: "Tim Bruijnzeels: Patching Internet Vulnerabilities with RPKI" by Alun Davies (10 Oct 2024, 3 min read), "Mikhail Anisimov: Developing the DNS Under Pressure" by Anastasiya Falk (2 Sep 2024, 3 min read), and "20 Years of Inferring Interdomain Routing Policies" by Savvas Kasanakis (25 Jun 2024, 9 min read). Below the podcasts, there is a section for "Editor's Pick" with two articles: "Whose CIDR is it Anyway?" by Jan Schumann (18 Jan 2024, 22 min read).

# Executive Team

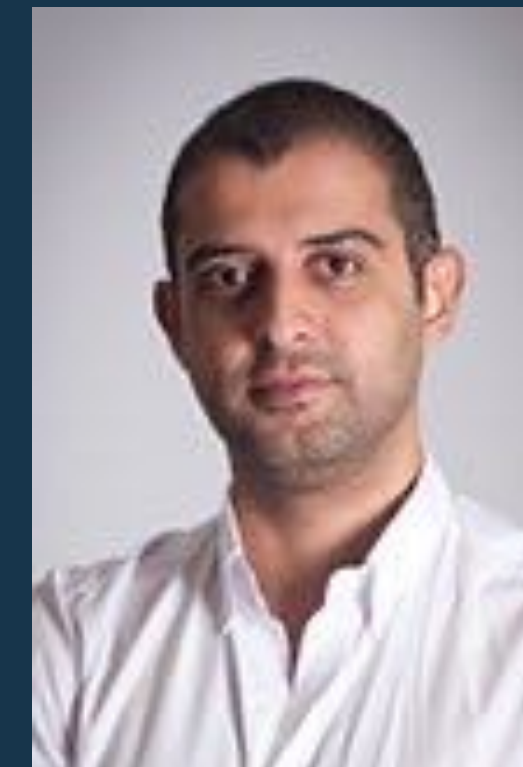
/RIPE-NCC



Hans Petter Holen,  
CEO and Managing Director  
Acting Chief Registry Officer



Felipe Victolla Silveira,  
Chief Technology Officer



Hisham Ibrahim,  
Chief Community Officer



Eleonora Petridou,  
Chief Information  
Security Officer



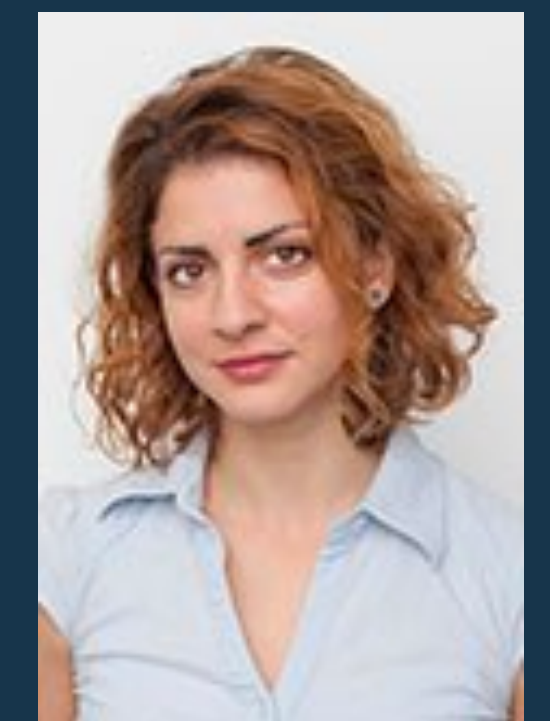
Daniella Coutinho,  
Executive Assistant



Simon-Jan Haytink,  
Chief Financial Officer



Carolien Vos,  
Chief HR Officer



Athina Fragkouli,  
Chief Legal Officer



# RIPE NCC Executive Board

/RIPE-NCC



Ondřej Filip  
Chair



Piotr Strzyżewski  
Secretary



Remco van Mook  
Member



Sander Steffann  
Member



Raymond Jetten  
Treasurer



Maria Häll  
Member



Harald A. Summa  
Member

# RIPE NCC Support Desk

[/helpdesk](#)

RIPE NCC staff are available to help you at the Support desk.

This is your one-stop hub for anything RIPE NCC-related.

Really. We mean it.



# RIPE NCC General Meeting

**/members-only**

This is a separate meeting taking place on Wednesday from 16:00 UTC+1 onwards.

- Only RIPE NCC **members** can participate.
- Members must register separately.
- Members can vote online!

Email [agm@ripe.net](mailto:agm@ripe.net) for queries.

<https://www.ripe.net/gm/oct2024>



# Policy Development Process

[/get-involved](#)

- Policy discussions take place on community mailing lists and at meetings
- Decisions only take place on mailing lists
- Want to learn more? Talk to Angela!



Angela Dall'Ara

Policy Officer,  
RIPE NCC

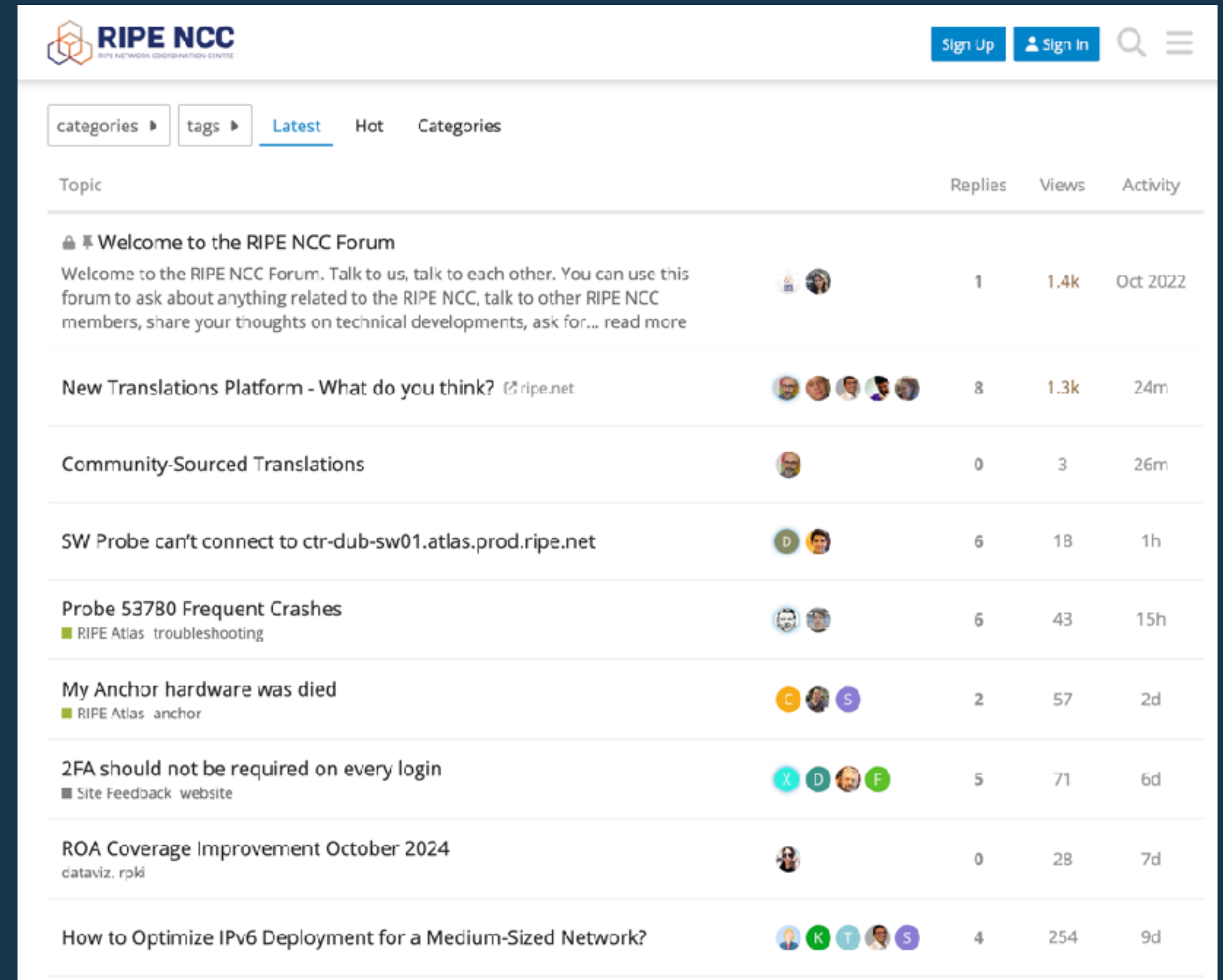
<https://www.ripe.net/participate/policies>

# Keep in touch

## /what-next

- You can follow the mailing lists
- And also join our forum
- We'll be happy to answer your questions!

<https://forum.ripe.net/>



The screenshot shows the RIPE NCC Forum website. The header includes the RIPE NCC logo, a search bar, and 'Sign Up' and 'Sign In' buttons. Below the header, there are navigation tabs for 'categories', 'tags', 'Latest', 'Hot', and 'Categories'. The main content area displays a list of forum topics with columns for 'Topic', 'Replies', 'Views', and 'Activity'. The topics listed are:

Topic	Replies	Views	Activity
<b>Welcome to the RIPE NCC Forum</b> Welcome to the RIPE NCC Forum. Talk to us, talk to each other. You can use this forum to ask about anything related to the RIPE NCC, talk to other RIPE NCC members, share your thoughts on technical developments, ask for... read more	1	1.4k	Oct 2022
<b>New Translations Platform - What do you think?</b> <a href="#">ripe.net</a>	8	1.3k	24m
<b>Community-Sourced Translations</b>	0	3	26m
<b>SW Probe can't connect to ctr-dub-sw01.atlas.prod.ripe.net</b>	6	18	1h
<b>Probe 53780 Frequent Crashes</b> RIPE Atlas troubleshooting	6	43	15h
<b>My Anchor hardware was died</b> RIPE Atlas anchor	2	57	2d
<b>2FA should not be required on every login</b> Site Feedback website	5	71	6d
<b>ROA Coverage Improvement October 2024</b> cataviz, rpki	0	28	7d
<b>How to Optimize IPv6 Deployment for a Medium-Sized Network?</b>	4	254	9d

**Questions**



# Were you paying attention?

`/run-quiz`

Go to [kahoot.it](https://kahoot.it) or download the Kahoot app on your phone.

Enter the game pin.

Join using your nickname!



Gerardo Viviers

Kahootmaster,  
RIPE NCC