### RIPE MEETING 101 **/newcomers' session** /welcome





# /my-first-RIPE-Meeting

This is RIPE 86.

RIPE 1 took place in Amsterdam in 1989.

### Welcome to your first RIPE Meeting





### 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: <u>chair@ripe.net</u>



### 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: <u>vice-chair@ripe.net</u>



### 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



**European IP Connectivity** 

NSFNet

31 January 1990 @ SWITCHM



#### Answer the poll! /yes-or-no

### Do you know the difference YES NO

between RIPE and the RIPE NCC?

#### RIPE /community



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

#### RIPE NCC /secretariat



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

### The RIPE community /you

Working Groups

- Address Policy
- Anti-Abuse
- Connect
- Cooperation
- Database
- DNS

- IPv6
- Measurements & Tools (MAT)
- Open Source
- The Internet of Things (IoT)
- RIPE NCC Services
- Routing

https://www.ripe.net/participate/ripe/wg





### The RIPE community /you

Mailing Lists

<u>RIPE mailings lists are used to discuss the development</u> 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/participate/mail/ripe-mailing-lists



#### 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 <u>ripe-list@ripe.net</u>
- Subscribe at:

https://www.ripe.net/mailman/listinfo/ripe-list/



#### RIPE 86 /make-the-most-of-it

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### At RIPE 86 /meeting-plan

Monday 22 May						
08:30	Welcome Coffee					
09:00		Tutorial				
09:30						
10:00	Tutorial					
10:30						
11:00	Coffee Break					
11:30	Newcomers' Introduction					
12:00						
12:30		Newcomers' Lunch				
13:00	Lunch					
13:30						
14:00						
14:30	Opening Plenary					
15:00						
15:30	Coffee Break					
16:00	Plenary					
16:30						
17:00	Coffee Break					
17:30	BCOP Task Force					
18:00						
18:30						
19:00	Welcome Reception + Meet the RIPE Chair Team and the RIPE NCC					
19:30	Executive Board					



Tues 23 f	sday May	Wednesday 24 May		Thursday 25 May		Friday 26 May	
Welcom	e Coffee	Welcome Coffee		Welcome Coffee		Welcome Coffee	
Plenary		Cooperation	Routing	MAT DNS		Plenary	
		Coffee Break					
Coffee	Break	Address Policy IoT		Coffee	Break	GM Results Coffee Break	
Pler	nary	Coffee Break		IPv6	Connect	Closing Plenary	
			Anti-Abuse				
Lunch		Lunch		Lunch		Lunch	
Plenary				Open Source	Database		
		RIPE NCC Services					
Coffee Break				Coffee Break			
Plenary Coffee Breek		Coffee Break		RIPE Community Plenary Coffee Break			
		General Meeting					
Coffee Break							
BoF	BoF			conce			
				Diversity In Tech			

https://ripe86.ripe.net/programme/meeting-plan/



### Birds of a Feather **/BoF**

Monday, 17:30-18:30 **BCOP** Task Force Discusses Best Current **Operating** Practices. On the agenda - DNS resolvers and

resilience.

Tuesday, 17:30-18:30

Impact of AI

How will AI impact the RIPE community? An open discussion format BoF.

https://ripe86.ripe.net/programme/meeting-plan

Tuesday, 17:30-18:30

IETF Overview of Technical Work and Hot Topics

Overview of what's new, ongoing work and what's hot at the IAB and the IETF.

#### Diversity in Tech Session /parallel-events

When: Thursday, 25 May

18:00-19:00 (CEST/UTC+2)

Where: Main Room

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

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

<u>https://ripe86.ripe.net/attend/</u> <u>diversity/diversity-in-tech/</u>







### 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-onone with other participants.

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

### 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



eu lp

### 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 industrysponsored 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



Franziska Chair



Brian Vice Chair



Khalid MENOG Rep









Moin



Jan SEE Rep



Alexander



Massimiliano

Dmytro



Antonio



Milad

# Rate the presentations /win-prizes

Login to your RIPE NCC Access account on ripe86.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

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://ripe86.ripe.net/attend/code-of-conduct/

#### Code of Conduct Team /code-of-conduct

If you experience or witness behaviour that violates the RIPE Code of Conduct, please report it to the Code of Conduct Team.

https://ripe86.ripe.net/ attend/code-of-conduct/



Randy Bush



Cynthia Revström



Franziska Lichtblau



Maria Stayla RIPE NCC



Saloumeh Ghasemi RIPE NCC



Vesna Manojlovic RIPE NCC



#### Network /connect-with-other-attendees

Schedule Meetings

Use Meetecho to interact with other attendees. You can send messages and schedule meetings using Meetecho.

#### Attendee List

You can see who else is attending RIPE 86 – onsite or online using the attendee list. It's available for networking purposes only!

#### **Onsite Social Events** /meet-the-community

Monday, 18:30-20:00

Welcome Reception

Get to know the RIPE community, meet the RIPE Chair team and the RIPE NCC Executive Board. Tuesday, 20:00-01:00

Networking Event Maassilo

An evening at an iconic former industrial site in Rotterdam, along the Maas river.Bring your badge!

https://ripe86.ripe.net/programme/social\_events/

Thursday, 20:00-01:00

RIPE Dinner Blue Rhapsody

Welcome on board the Blue Rhapsody, an 85 metre ship, to enjoy the RIPE Dinner. Tickets required!

#### Academic and NREN Reception /parallel-events

When: Tuesday, 23 May 18:30-19:30 (UTC+2)

Where: Board Room / Port 4

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

https://ripe86.ripe.net/ programme/parallel-events/ academic-nren/



### Share your experience /feedback

#### Fill in the feedback form. You could win prizes!

https://ripe86.ripe.net/feedback



#### **#RIPE86** Follow @ripemeeting



#### Get support! /troubleshooting

Our meeting support team is here to help you!

For technical problems with Meetecho or presentation uploads - email <u>opsmtg@ripe.net</u>

For anything related to meeting registration, agendas, mentoring - email 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!



### MEET & GREET

Hello! Ve're here help you!





#### RIPE /community



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### Our Strategic Objectives /RIPE-NCC





### 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



# icy

RPK





#### 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







#### How does RPKI secure Internet Routing? /routingsecurity







### 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 NCC Community Projects Fund





Measuring QoE by Measuring TCP Connection Establishment Delay in a Service Provider Network

Internet of Things Network Operations

🖉 Thomas Randali - 07 Jul 202

Telecommunication is what makes the world go round, and with everything moving to the cloud, any breakdown would severely disrupt our economy and



RIPE NCC Internet Country Report Central Asia

Internet of Things Interactive Tools

🚳 Nick Harris - 07 Jul 2020 -

There is an ongoing discussion whether European telecommunication companies should use equipment from Huawei. The main concern...



You've Got the Power: Sustainable Procurement erome Bell it) May 200.0



RIPE NCC Internet Country Report: Central Marvin McKinney



### Executive Team /RIPE-NCC



Hans Petter Holen, CEO and Managing Director



Felipe Victolla Silveira, Chief Technology Officer



Daniella Coutinho, Executive Assistant



Simon-Jan Haytink, Chief Financial Manager





#### ?????? Chief Registry Officer



#### Hisham Ibrahim, Chief Community Officer



Eleonora Petridou, Chief Information Security Officer



Carolien Vos, Chief HR Officer



Athina Fragkouli, Chief Legal Officer



# RIPE NCC Executive Board

Job Snijders RemkoMariavan MookHäll

Christian Kaufmann



Ondřej Filip

Raymond Jetten

Piotr Strzyżewski



#### RIPE NCC Service Desk /helpdesk

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

This is your one-stop hub for anything RIPE NCCrelated.

Really. We mean it.



#### RIPE NCC General Meeting /members-only

- This is a separate meeting taking place on Wednesday from 16:30 UTC+2 onwards.
- Only RIPE NCC members can participate.
- Members must register separately.
- Members can vote online!
- Email <u>agm@ripe.net</u> for queries.
- https://www.ripe.net/gm/may-2023



### 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!

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



Angela Dall'Ara Policy Officer, RIPE NCC

#### Keep in touch /what-next

- -You can follow the mailing lists
- And also join our brand new RIPE NCC Forum
- -We'll be happy to answer your questions!
- https://forum.ripe.net/

Developing an Internet Measurements training course	👰 🏽 🕒 🚳 👰
Tell us what you think about our new forum	۱
Is DNS encryption harmful?	BF



#### Were you paying attention? /run-quiz

- Go to kahoot it or download the Kahoot app on your phone.
- Enter the game pin.

Join using your nickname and your RIPE Meeting registration number. The number is in your registration confirmation email and on your badge booklet.

You need the number to win prizes!



#### Gerardo Viviers

Kahootmaster. RIPE NCC