



RIPE NCC
RIPE NETWORK COORDINATION CENTER

Introduction to RIPE Meetings



What will we talk about?

- RIPE (community) and the RIPE NCC
- Policy Development Process
- RIPE Meetings
- RIPE 89 Programme
- Logistics
- Social events
- Parallel events

About me



- Community Development Manager
- At the RIPE NCC for 11 years:
- Before
 - Organised the RIPE, ENOG and SEE meetings
 - RACI (the RIPE Academic Cooperation Initiative)
- Now in a team of twelve
 - SEE, MENOG, CAPIF, RIPE NCC Days
 - Community events, NOGs
 - Internet governance
- Bulgarian, lives in Spain





RIPE and the RIPE NCC



- A community
- Formed in 1989
- Open, inclusive, bottom-up, transparent
- Sharing information and best practices
- Policy development



- Secretariat
- Formed in 1992
- Membership organisation
- Over 190 staff in offices in Amsterdam and Dubai
- Provides services
- Implements policies

The RIPE community



- Join the mailing list!
 - <https://www.ripe.net/mailman/listinfo/ripe-list/>
- Public archives
- Work is structured around:
 - Working Groups (WGs)
 - Task Forces (TFs)

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

Task Forces



- Best Current Operational Practices Task Force (BCOP)
- DNS Resolver Best Common Practice Task Force
- Recently closed:
 - Code of Conduct
 - RIPE Database Requirements
- All WG & TF mailing lists:
 - <https://www.ripe.net/participate/mail/ripe-mailing-lists>



RIPE Chair Team

- The role of the RIPE Chair is to ensure the smooth functioning of the RIPE community
- There is a RIPE Chair and Vice Chair:
 - Mirjam Kühne, RIPE Chair
 - Niall O'Reilly, RIPE Vice Chair





- One of five Regional Internet Registries in the world
 - allocate and register blocks of Internet number resources to ISPs and other organisations
- Provides a number of technical services and tools
 - K-root, RIPE Atlas, RIPEstat, RIS
- Involved in public policy discussions and Internet governance

Where are the RIRs?



ARIN
American Registry for Internet Numbers

 **RIPE NCC**
RIPE NETWORK COORDINATION CENTRE



lacnic 

 **APNIC**

AFRINIC 
The Internet Numbers Registry for Africa

RIPE NCC Executive Board





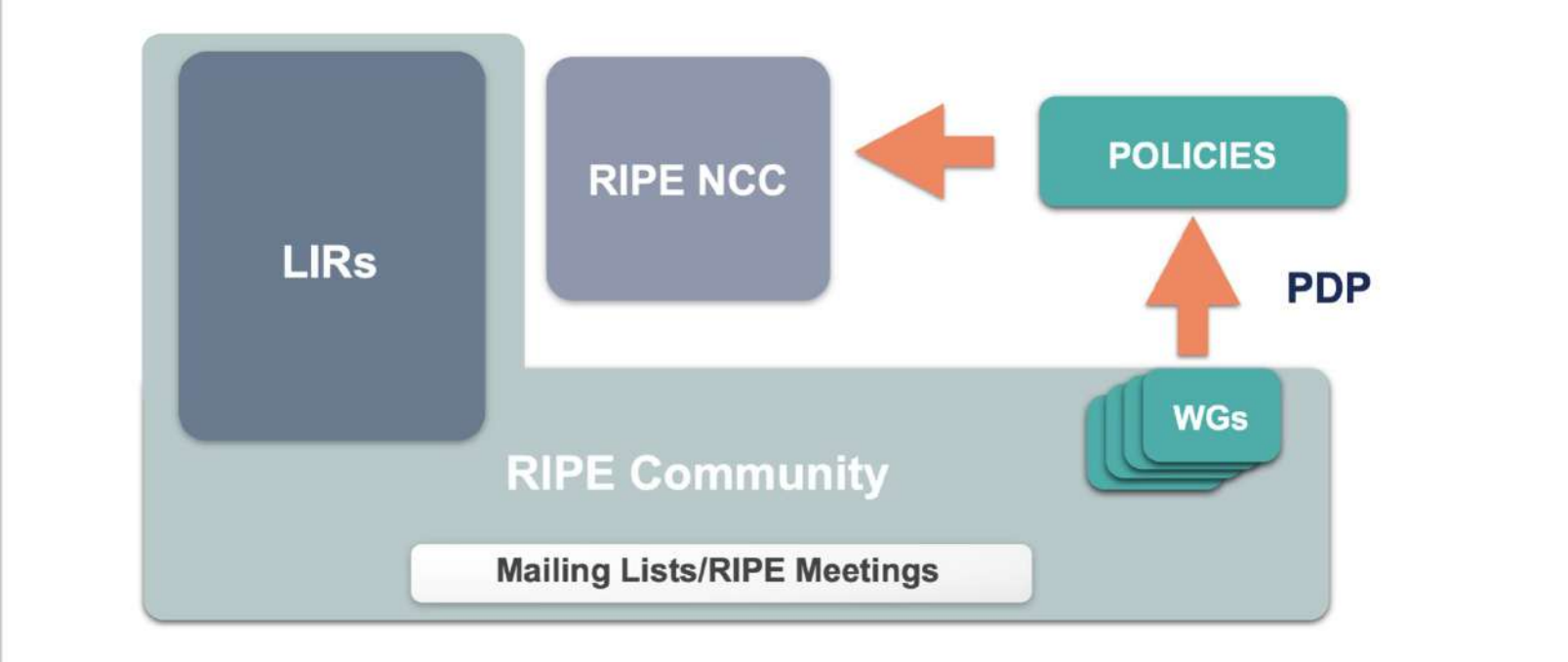
Policy Development Process



Policy development process

- Relate to the operation of the Internet (e.g. process of resource allocation, assignment, transfers)
- Developed by and for the RIPE community
- Decisions based on mailing list discussion
 - Face to face meetings help
- Rough Consensus
 - Properly address all concerns and objections
 - Work out differences
 - No voting or counting
- <https://www.ripe.net/participate/policies>

Policy development process



Participate in the PDP



- Sign up for the Policy Development Process Announcements mailing list
 - <https://www.ripe.net/community/policies/>
- Join in discussions about policy proposals
- Stay up-to-date with new policies
- Propose a new policy





Who does what?

- The RIPE community:
 - Creates and discusses proposals
 - Seeks consensus
- RIPE Working Group (WG) chairs:
 - Accept proposals
 - Chair the discussions
 - Decide if consensus has been reached
- The RIPE NCC:
 - Acts as the secretariat to support the process
 - Publishes policy documents and implements them



RIPE Meetings

What is a RIPE Meeting?



- Five-day event where ISPs, network operators and other interested parties gather to:
 - Discuss policies and procedures to allocate IP addresses and ASNs
 - Discuss current technical and policy issues
 - Share experiences, latest developments and best common practices
 - Network with peers
- Usually held twice a year



RIPE NCC General Meeting



- Discuss the RIPE NCC operations and activities
- Give feedback on the RIPE NCC Activity Plan and Budget
- Vote on
 - Charging Scheme
 - Executive Board
 - Financial Report
 - Other resolutions
- It's a separate meeting
- Open to RIPE NCC members only



Newcomers



- More than 25% of attendees are newcomers
- On Monday:
 - Newcomers Introduction
 - Newcomers Lunch
 - Meet & Greet desk
- We want to hear from you during the sessions:
 - Come to the mic
 - Use the audio queue, Q&A window or chat



RIPE 89 Programme

Types of sessions



- Decided by the Programme Committee (PC)
 - Plenary
 - Tutorial
 - Birds of a Feather (BoF)
- Decided by the Working Group Chairs
 - Working Groups
- Topics are expected to be non-commercial
- The General Meeting is a separate meeting that takes place at the same time.*

Interactive 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					
14:00	Opening Plenary	Plenary	RIPE NCC Services	Routing	Cooperation
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					Anti-Abuse
17:00					
17:30	Coffee Break	Coffee Break		Coffee Break	
18:00	BCOP TF	Diversity in Tech		BoF	
18:30					BoF

Legend

- MAIN ROOM
- SIDE ROOM
- GENERAL MEETING
- NEWCOMERS' LUNCH



- RIPE Meeting sessions are recorded and archived
- You can find the videos at:
 - <https://ripeXX.ripe.net/presentations/presentation-archive/>
 - where XX is the number of the RIPE meeting (88, 87 etc)
- WG sessions are also minuted
- Watching the recordings will give you a good idea of the work of the WG

Programme Committee



Massimiliano Stucchi
PC Chair



Brian Nisbet
Vice Chair



Khalid Samara
MENOG Representative



Jan Žorž
SEE Representative



Ondřej Filip
Local Host Representative



Doris Hauser



Franziska Lichtblau



Kevin Meynell



Clara Wade



Moin Rahman



Antonio Prado



Valerie Aurora

Working Group Chairs



Address Policy



Leo Vegoda

Alex
le Heux

Connect



Will
van Gulik

Paul
Hoogsteder

Stavros
Konstantaros

Cooperation



Achilleas Kemos

Julf Helsingius

Desiree Miloshevic

Database



William
Sylvester

David Tatlisu

Peter Hessler

DNS



Doris Hauser

Moritz Müller

Willem Toorop

IoT



Peter Steinhäuser

Peter Wehrle

IPv6



Nico
Schottelius

Raymond
Jetten

Christian
Seitz

MAT



Nina Bargisen

Massimo
Candela

Stephen
Strowes

Open Source



Martin Winter

Marcos Sanz

Sasha Romjin

RIPE NCC Services



Rob Evans

Bijal Sanghani

János Zsákó

Routing



Ignas
Bagdonas

Paul
Hoogsteder

Ben
Cartwright-Cox

Security



Brian Nisbet

Markus de Brün

Tobias Knecht

Submit Lightning Talks!



- Great way to make a first impression!
- 10 minutes, including Q&A
- May or may not include slides
- Announced on short notice
- <https://ripe89.ripe.net/submit-topic/cfp/>

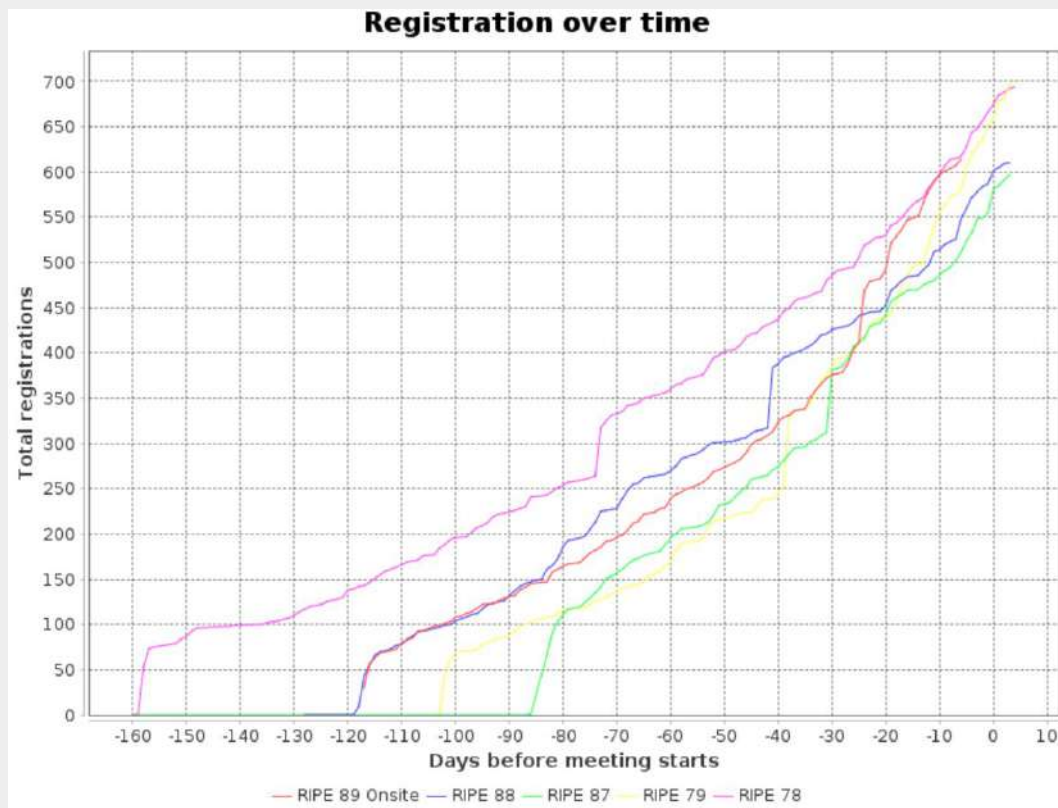


Logistics

Registration stats onsite



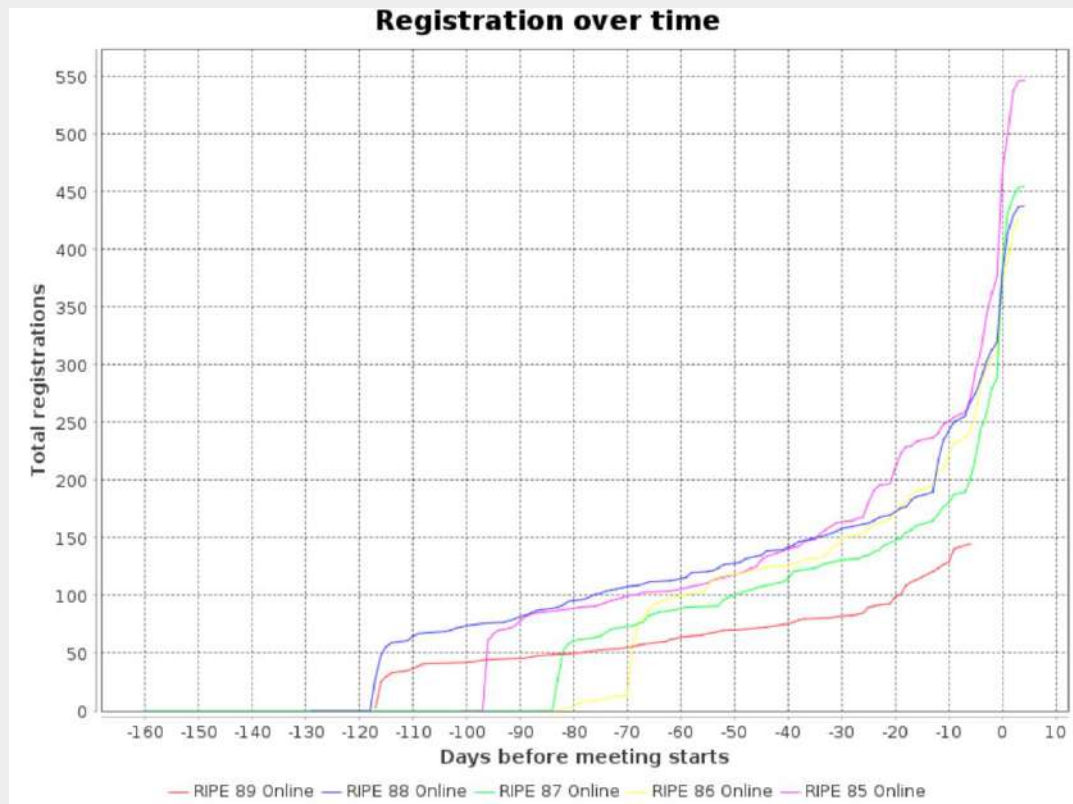
- 614 registrations so far:
 - 142 newcomers
 - 196 members
 - 69 staff
- Attendee list:
 - Can view profile picture and contact details (once logged in)
 - <https://ripe89.ripe.net/attend/attendee-list/>



Registration stats online



- 145 registrations so far:
 - 37 newcomers
 - 42 members
 - 6 staff
- Attendee list:
 - Can view profile picture and contact details (once logged in)
 - <https://ripe89.ripe.net/attend/attendee-list/>



Country and venue



- Currency: € Euros
- European electricity socket
- Clarion Congress Hotel Prague
 - Freyova 33, Prague 9 – Vysočany
 - Tel: +420 211 131 139
- Parking fee:
 - Daily rate: €16
 - off-site options such as nearby parking lots or private garage





Getting to the venue

- From airport:
 - 30-45 minutes drive (20km = CZK 700-900 ~ €28-37)
 - 1 hour by public transport
- From city centre:
 - 15 minutes drive
 - 20-25 min by public transport
- Bolt, Uber, Liftago, Taxi Praha, AAA Radiotaxi
- <https://ripe89.ripe.net/attend/getting-there/>

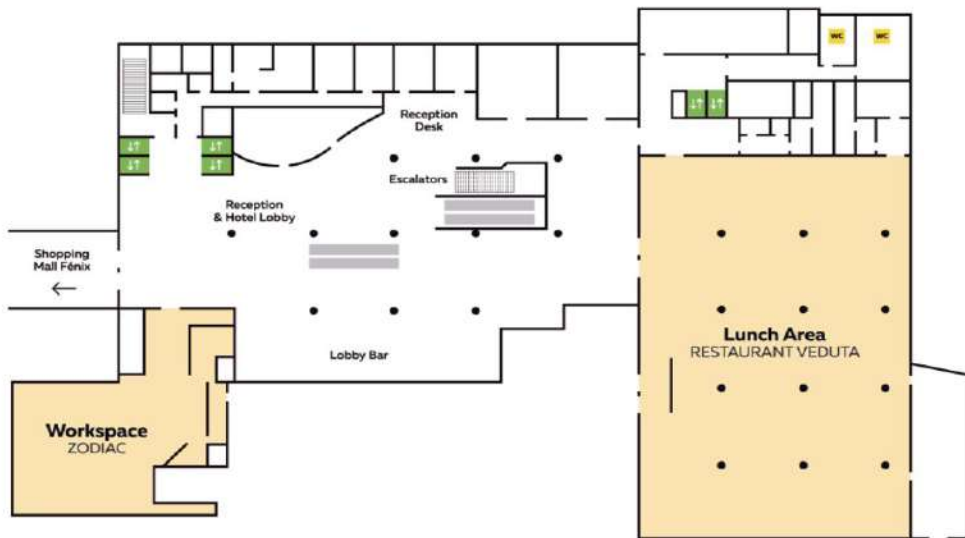
About Prague



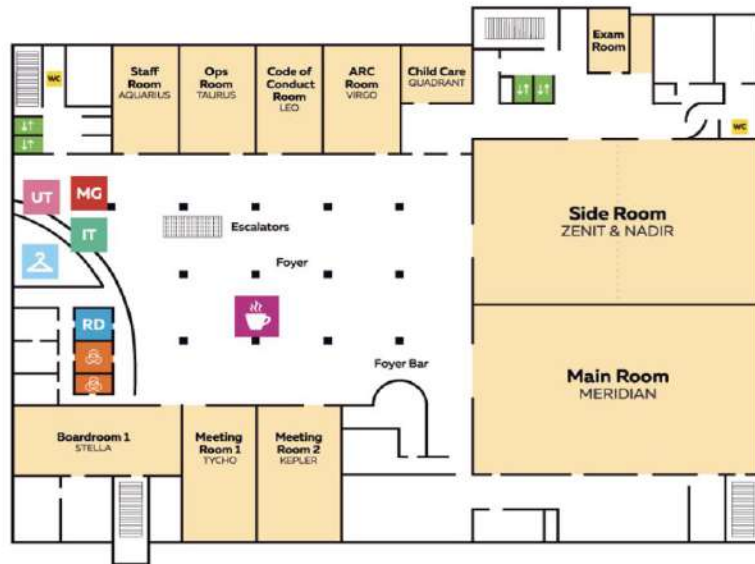
- Time zone CEST/UTC+2 (UTC+1 at the meeting)
- Debit card payments are common - ask if places accept credit cards and cash
- Mostly safe, the usual big city, common sense safety rules apply
- Tap water is safe to drink
- Emergency number: 112

Sun 27th	Mon 28th	Tue 29th	Wed 30th	Thu 31st	Fri 1st	Sat 2nd
 15° 7°	 15° 7°	 13° 6°	 11° 3°	 11° 3°	 11° 4°	 11° 2°

Second Floor



Third Floor



LEGEND

 RD Registration Desk	 RIPE NCC Support	 UT Usability Testing	 Barista	 WC Restroom	 Stairs
 MG Meet & Greet	 IT IT Support	 Cloakroom	 Lift	 Escalators	



- In your confirmation email you will receive a link to the Meetecho Desktop
- You will enter the platform as 'Participant' with the name entered during registration
- Participants will be recognised by the laptop icon next to their name
- The platform allows you to:
 - View the presentations
 - Use the chat
 - Join the mic/video queue
 - Ask questions in writing
 - View stenography
 - Join polls
 - Change rooms
 - Schedule meetings with attendees

Updates in -03 (III/V)

- Section 3:
 - A TARR-option-capable receiving TCP SHOULD modify its ACK rate to one ACK every R received data segments from the sender
 - Reasons why not a MUST: lack of resources, security...
 - R=1: the receiving TCP SHOULD send an ACK immediately
 - R=0: not defined
 - Upon reception of a SYN carrying the TARR option, a TARR-option-capable endpoint MUST include the TARR option in the SYN-ACK sent in response
 - Question: due to lack of SYN space, including TARR only in response to the SYN-ACK?
 - A TCP segment carrying retransmitted data is not required to include a TARR option
 - Question: is the Ignore Order feature considered useful?
 - If SACK not supported, long loss detection time

Mentoring



- Matching experienced community members with newcomers
- Provide your mentor with an idea of what you want to achieve at the RIPE Meeting and how they can help you
- Contact your mentor when you have questions
- Missed the mentoring deadline - write in chat now

Social events



- **Monday:** Welcome reception 19:00 - 20:00 - a great way to meet other attendees, the RIPE NCC Executive Board and RIPE Chair team. Included in your ticket.
- **Tuesday:** Networking event from 21:00 onwards at Červený Jelen. Included in your ticket. **Bring your badge.**
- Thursday: RIPE 89 Dinner at the National Museum in Prague (Národní muzeum) from 20:00 onwards. You need to **buy dinner tickets** (€50) to attend!
 - Shuttle buses from Clarion hotel at 19:30, 19:35, 19:40, and 19:45
 - Return buses every 30 minutes from 22:30 to 01:30
- The best place to meet people - in the **barista queue** or on chat
- <https://ripe89.ripe.net/programme/social-events/>

Other things going on...



- Newcomers' Kahoot! quiz on Monday
- RIPE 89 t-shirts will be handed out during registration
- Grab a special lanyard from reg desk if you don't want to be in photos
- Masks and COVID-19 self-tests available at the registration desk
- Look out for informal gatherings set up by other attendees...
- Some of them get posted on the forum (forum.ripe.net)





Parallel Events

Parallel events



- RIPE 89 Student Event:
 - <https://ripe89.ripe.net/programme/parallel-events/student-event/>
- Academic and NREN Reception
- Feedback and User Testing
- RIPE NCC Certified Professionals:
 - Book in advance:
<https://www.ripe.net/participate/forms/apply/ripe-ncc-certified-professionals-at-ripe-89/>
- Number Resource Organization Number Council (NRO NC) Elections
- DNS-OARC 43
- Tea and games BoF - Wednesday 18:30-21:00, Kepler room !!!

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

Local hubs



Country	Address	Capacity	Dates
Romania	InterLAN-IX Str. Cezar Bolliac nr. 8, et. 1, ap. 3, Bucharest 030912, sectorul 3, Romania	15	29-31 October
Poland	Faculty of Technical Engineering PANS Jarosław, ul. Czarnieckiego 16, 37-500 Jarosław, Poland	25	28-29 October
Yemen	Internet Society Yemen Chapter Mujahed Street, Sanaa, Yemen	30	31 October

<https://ripe89.ripe.net/local-hubs>



Beyond RIPE 89

Fellowships



- Receive ticket, flight and accommodation for the meeting
- Call for applications closes two months before the meeting
- Aims to increase participation from under-represented regions and groups
- ripe.net/fellowship

Events



- Internet Measurement Day | 6 Nov | Istanbul
- MENOGE 24 | 1-5 Dec | Muscat
- Green Tech Hackathon | 10-11 Dec | Amsterdam
- DNS Hackathon | Mar | Stockholm
- SEE 13 | 7-8 Apr | Sofia
- RIPE 90 | 12-16 May | Lisbon

To do set personal goals?



- Get to know some of the RIPE Chair team, the Working Group Chairs, the Programme Committee, and the RIPE NCC Executive Board
- Read about the RIPE NCC Policy Development Process (PDP)
- Make a list of **your goals** for the RIPE Meeting:
 - Which sessions interest you? Check the agenda.
 - Who would you like to connect with? Check the attendee list.
- Plan your trip: <https://ripe89.ripe.net/attend/guide-to-prague/>
- Register in advance if you want to take a RIPE NCC Certified Professionals exam
- Decide if you want to submit a Lightning Talk



Questions & Comments



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