

[ WELCOME ]

# NetUK 1

Building the UK's latest network  
infrastructure community.

[www.netuk.org](http://www.netuk.org)

8th-9th July 2024, IET London, Savoy Place

[www.netuk.org](http://www.netuk.org) #NetUK1

# #NetUK1 Official Sponsors



# Housekeeping

## LOCATIONS

**Maxwell Library**  
[ Breaks/Lunch ]

**Riverside Room**  
[ All presentations ]

**Johnson Terrace**  
[ Event Social ]

[www.netuk.org](http://www.netuk.org) #NetUK1

## WIFI

**IET-Guest**

[ PASS ]

AmyJ0hanson%P14ne

## H&S POINT

**x2 Emergency Exits**





## **Our Mission**

NetUK aims to foster a vibrant community of individuals and organisations that are passionate about the UK's network infrastructure industry.

# Our Objectives

We aim to promote:



## Knowledge Sharing

Facilitate the exchange of ideas and insights through conferences and workshops.



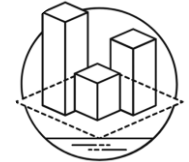
## Professional Exposure

Provide valuable opportunities for both individuals and sponsors to collaborate and advance within the industry.



## Community Development

Foster a collaborative spirit that thrives on a shared passion for technological achievements.



## Inclusivity & Diversity

Promote participation from all corners of the community, regardless of background or experience.

# #NetUK1 Conference Statistics



**198**

In-person  
Attendees



**14**

Student  
Attendees



**+**

Virtual  
Attendees

# Social Links



LINKEDIN  
NetUK



YOUTUBE  
NetUKorg



SLACK  
netukorg

*members-subscribe@lists.netuk.org*  
*members-unsubscribe@lists.netuk.org*

[www.netuk.org](http://www.netuk.org) #NetUK1

# Hybrid Event & Questions

- NetUK1 webcast is live on YouTube.
- Please join our Slack and the channel **#NetUK1** to engage with all conference attendees.
- If you have any questions for our speakers at the end of their talk:
  - **In Person:** Please line up to the **microphone stand**, identify yourself and ask your question when the session chair confirms.
  - **Virtual:** Please ask in the Slack channel **#NetUK1** with **#question** added to the end, it will then be asked by one of our session chairs.



# Inaugural Event Hoodie



[ FREE MERCH ]

**Please ensure you collect  
your free NetUK hoodie**

- + Exclusive for this event only.
- + Zipped/unzipped options available.

[www.netuk.org](http://www.netuk.org) #NetUK1

# Respect / Code of Conduct

- Everyone agreed to NetUK/LONAP's Code of Conduct when purchasing a ticket.
- Our Code of Conduct can be found here:  
**[ [www.lonap.net/code-of-conduct](http://www.lonap.net/code-of-conduct) ]**
- Please follow this during the event both in person and virtually.
- If you wish to raise an issue please find a MC or PC member.

# Program Committee

- Matt Jepp [ PC Chair ]
- Brandon Butterworth
- Dave Wilson
- Fearghas Mckay
- James Bensley
- Josh Levett
- Mo Shivji
- Nick Ryce
- Paul Dunbar
- Paulius Judickas
- Rebecca Class-Peter
- Sergey Myasoedov
- Steve Karmeinsky

# Thank you



A network diagram background consisting of a complex web of interconnected nodes and lines, rendered in a light teal color against a darker teal background. The nodes are represented by small circles of varying sizes, and the lines are thin, connecting the nodes in a non-linear fashion.

# NetUK 1

## Session 1

- 13:45**      **Cyber Threat Intelligence**  
Jonathan Davies, Pervade Software
- 14:15**      **PeeringDB Update**  
Paul Hoogsteder, PeeringDB

[ Chaired by Matt Jepp ]



# Coffee Break

[ Maxwell Library ]

SPONSORED BY



# NetUK 1

## Session 2

- 15:00**      **“IPv6-mostly” at the edge**  
Brian Candler, Network Startup Resource Center (NSRC)
- 15:30**      **Going Deeper with IX Monitoring**  
Ben Cartwright-Cox



# Coffee Break

[ Maxwell Library ]

SPONSORED BY





# NetUK 1

## Session 3

- 16:15**      **Sponsor Presentation #1**  
Alex Shepley & Darren Chan, Digital Realty
- 16:35**      **Sky UK - IPv6-only with IP4aaS (MAP-T)**  
Richard Patterson, Sky UK
- 17:05**      **Towards a Higher Throughput Media CDN**  
Jonathan Heathcote, BBC Research & Development



# Day 1 wrap-up

Dave Pumford, NetUK

[www.netuk.org](http://www.netuk.org) #NetUK1

# #NetUK1 Official Sponsors



# #NetUK1 Event Survey



<https://www.netuk.org/netuk1/survey>

[www.netuk.org](http://www.netuk.org) #NetUK1



# NetUK Future [ Tomorrow Session ]

- What would encourage you to promote the NetUK community to your peers?
- Who is missing from NetUK today?
- What could inhibit you from showing up at NetUK in the future?
- What types of commercial collaborations could make NetUK a model for ethical sponsorships in the industry?
- How shall NetUK fail spectacularly?
- It's NetUK 10 today! What/or who do you expect to see on stage?



# Social Event

[ Johnson Terrace ]

SPONSORED BY

**PTX**  
TECHNOLOGIES

**SGGS**

[www.netuk.org](http://www.netuk.org) #NetUK1

# [ Day 2 ]

[ WELCOME ]

# NetUK 1

Building the UK's latest network  
infrastructure community.

[www.netuk.org](http://www.netuk.org)

8th–9th July 2024, IET London, Savoy Place

[www.netuk.org](http://www.netuk.org) #NetUK1



# Housekeeping

## LOCATIONS

**Maxwell Library**  
[ Breaks/Lunch ]

**Riverside Room**  
[ All presentations ]

**Johnson Terrace**  
[ Event Social ]

[www.netuk.org](http://www.netuk.org) #NetUK1

WIFI  
**IET-Guest**

[ PASS ]  
AmyJOhnson%PI4NE

H&S POINT

**x2 Emergency Exits**



# MetUK 1

## Official Sponsors



# NetUK 1

## Session 4

- 10:00** **ThousandEyes BGP Monitors**  
Lefteris Manassakis, Cisco ThousandEyes
- 10:30** **BGP Routing Security - Hijacks vs RPKI**  
Alastair Strachan, RIPE NCC
- 11:00** **NetUK Management Committee Update**  
Richard Irving, LONAP

[ Chaired by Dave Wilson ]



# Coffee Break

[ Maxwell Library ]

SPONSORED BY



A network diagram consisting of numerous small grey dots (nodes) connected by thin, light grey lines, forming a complex web-like structure. The nodes are scattered across the right side of the slide, with some clusters and some isolated points.

# NetUK 1

## Session 5

**11:45**      **Secure by Design - Lessons from the Nuclear Industry**

Rob Barnes, Rolls-Royce SMR Ltd

**12:15**      **Sponsor Presentation #2**

Rene Neumann, ZPE Systems



# Lunch Break

[ Maxwell Library ]

SPONSORED BY



A network diagram consisting of numerous small grey circles (nodes) connected by thin, light grey lines, forming a complex web-like structure. The diagram is positioned in the upper right and lower right areas of the slide, set against a dark teal background.

# NetUK 1

## Session 6

**14:00**      **NetUK Feedback Session**  
Andy Davidson

**14:45**      **Kriten - An Open Source Automation Platform**  
Steve Corp, Evolvere Technologies Limited

[ Chaired by Fearghas McKay ]



# Coffee Break

[ Maxwell Library ]

SPONSORED BY





# NetUK 1

## Session 7

- 15:45**      **Design Driven Infrastructure Automation**  
Pete Crocker, OpsMill
- 16:15**      **The Sunset of Port-43, Who is in the gTLD Space**  
Gavin Brown, ICANN
- 16:30**      **Black Hole Detection in Packet Networks**  
Julian Lucek, Juniper Networks



## Day 2 wrap-up

Dave Pumford, NetUK

# #NetUK1 Event Survey



<https://www.netuk.org/netuk1/survey>

[www.netuk.org](http://www.netuk.org) #NetUK1



# #NetUK1 Official Sponsors





# Thank you

[www.netuk.org](http://www.netuk.org) #NetUK1

# APPENDIX

[www.netuk.org](http://www.netuk.org) #NetUK1



A network diagram consisting of numerous small grey dots connected by thin, light grey lines, forming a complex web of connections. The dots and lines are scattered across the right side of the slide, with some larger dots acting as hubs.

# NetUK 1

## How we operate

We operate with a lean and volunteer-powered structure, maximising the impact of every contribution by channelling resources directly towards our goals. This model mirrors the successful approach of UKNOF, relying on the dedication and expertise of volunteers to drive our mission.

A decorative background on the right side of the slide featuring a network diagram with interconnected nodes and lines, set against a dark teal gradient.

# NetUK 1

## Management Committee

- Dave Pumford (PTX Technologies)
- Jennifer Holmes (LINX)
- Matt Jepp (PC Chair)
- Nick Wenban-Smith (Nominet)
- Richard Irving (LONAP)



# Day 2 Agenda

10:00

Tuesday 9th July 2024 — IET London, Savoy Place

- 9:00 **Registration** — [ *Maxwell Library* ]
- 10:00 **ThousandEyes BGP Monitors** — [ *Riverside Room* ]  
Lefteris Manassakis, Cisco ThousandEyes
- 10:30 **BGP Routing Security – Hijacks vs RPKI**  
Alastair Strachan, RIPE NCC
- 11:00 **NetUK Management Committee Update**  
Richard Irving, LONAP
- 11:15 **Break** — [ *Maxwell Library* ]
- 11:45 **Secure by Design – Lessons from the Nuclear Industry**  
Rob Barnes, Rolls-Royce SMR Ltd
- 12:15 **Sponsor Presentation, ZPE**
- 12:35 **Lunch** — [ *Maxwell Library* ]
- 14:00 **NetUK Feedback Session**  
Andy Davidson, ASK4
- 14:45 **Kriten – An Open Source Automation Platform**  
Steve Corp, Evolvere Technologies Limited
- 15:15 **Break** — [ *Maxwell Library* ]
- 15:45 **Design Driven Infrastructure Automation**  
Pete Crocker, OpsMill
- 16:15 **The Sunset of Port-43 Who is in the gTLD Space**  
Gavin Brown, ICANN
- 16:30 **Black Hole Detection in Packet Networks**  
Julian Lucek, Juniper Networks
- 17:00 **Event Wrap-up** — Dave Pumford, NetUK

[www.netuk.org](http://www.netuk.org) #NetUK1