



## SIG-NOC

Ivana Golub, PSNC  
*On behalf of SIG-NOC SC*

GCP Workshop Lightning Talk,  
14 May 2025



## SIG-NOC Overview

- NOC = Network Operations Centres
- Former GÉANT Task Force (aka TF-NOC).
- SIG-NOC had its first meeting in 2015
- Mailing list contains 269 subscribers
- 2 hybrid meetings per year
  - 50-55 participants per meeting (online + on-site)
  - leading NOC engineers and staff members
  - coming from NRENs universities
- **SIG-NOC tools survey**

### SIG-NOC Steering Committee

Ivana Golub (PSNC)

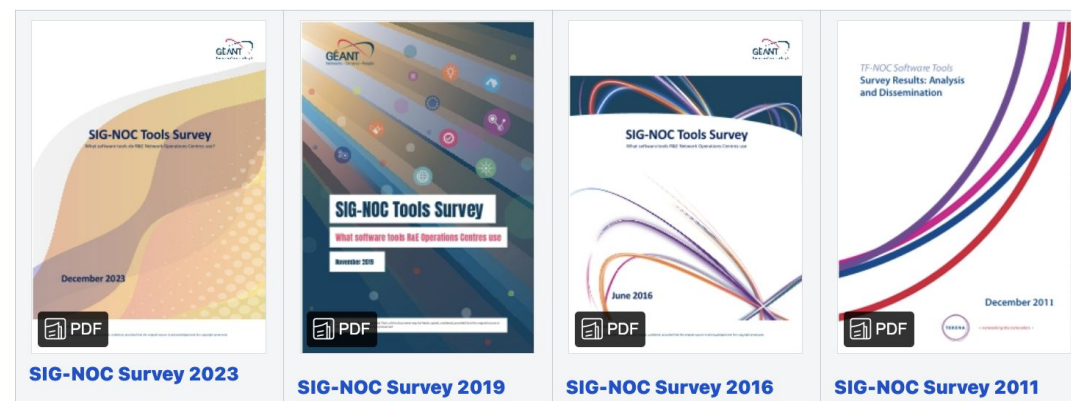
Jonny Lundin (NORDUnet)

Jože Hanc (ARNES)

☀ Maria Isabel Gandía Carriedo (CSUC)

Mick O'Donovan (HEAnet)

**Coordinator:** Nadelina Sandu (GÉANT)



# Areas of interest

*Everything that helps NOC personnel in their daily work!*

- *Network infrastructure technologies and services*
- *NOC tools, systems and functions*
- *Best practices, procedures, workflows*
- *NOC organisation models and interworking*

***Presentations from:***

- *NRENs, Universities, Vendors*
- *Single / multi-domain / federation*
- *Europe, Globally*



Image source: [OpServices](#)

# NOC Challenges



RPKI OTFN QKD PTP BGP WFO DNS MANRS CMS SOC DDoS NIS2 NetDevOps...



## SIG-NOC (SC) Challenges

### *New / more people joining meetings*

- *Self-funded in-person attendance*

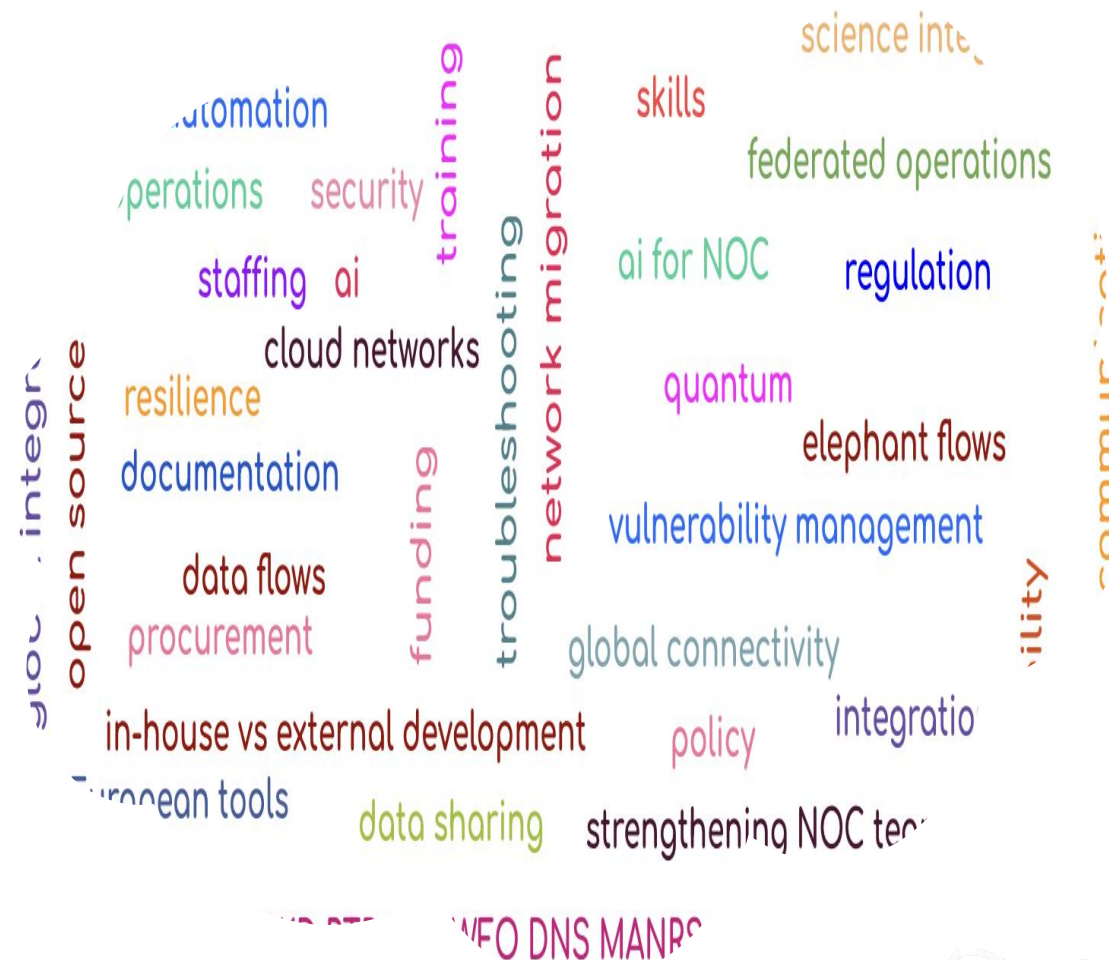
### *Proactivity - getting more talk proposals*

- *Most of speakers are invited to present*

### *Covering all the topic areas of interest at the wanted level and depth*

### *Addressing the challenges:*

- *Show must go on!*
- *Collaboration: the GÉANT Project WPs, GNA-G and its WGs, ...*



# Opportunities for Collaboration - Past collaborations

## Joint meeting with SIG-NGN

- 21-23 Nov 2018, Rome Italy
- Discussion on repeating the experience, when the calendars allow

22nd & 23rd November 2018, Rome, Italy

SIG-NGN is the Special Interest Group on Next Generation Networks.

This meeting was the first meeting of the SIG and aligned with the [8th SIG-NOC](#) meeting and hosted by **GARR** in Rome.



# Opportunities for Collaboration

## Common interest (for future collaboration) with:

**Quantum**

**TFN** - Time & Frequency Network

**AI**: Artificial Intelligence

**MSP**: Management of Service Portfolios

**-Sustainability**

**-Marcomms**: Marketing Communications

**-EDU**: Educational Technologies

**-ISM**: Information Security Management

**-Procurement**

**-CISS**: Cloud Interoperable Software Stacks

**-NGN**: Next Generation Networks

**-RED**: Research Engagement Development

### Possible collaboration - WHAT

- NOC/Network related SIG-\* update
- Network support for -\*
- Promoting SIG-NOC work (and vice versa)
- SIG-\* specialty applied to NOCs

### Possible collaboration - HOW

#### Tailored for NOCs

- Presentations
- Email updates
- Discussion

**-DigitalHealthData:**  
Digital Health Data



# Thank You!

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