



Community Programme Intro

1st SIG-AI Meeting

Dawn Ng
Sr. Community Programme Manager

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Public



GEANT Community Programme

WHAT DO WE DO?

We create a connected, collaborative and harmonised research and education networking community by providing optimal conditions for the R&E networking community to collaborate both face-to-face and virtually.

HOW DO WE DO IT?

- **Task Forces/Special Interest Groups**
- Workshops and Trainings
- Collaborative Projects
- Community Principles
- **Innovation Programme**
- **Community Hub at TNC**
- Community Award

Thematic Areas

Security

[SIG-ISM: Information Security Management](#)

[TRANSITS](#)

Network

[SIG-NGN: Next Generation Networks](#)

[SIG-NOC: Network Operations Centres](#)

[SIG-TFN: Time and Frequency Network](#)

Trust and Identity

[REFEDS](#)

Cloud

[SIG-CISS: Cloud Interoperable Software Stacks](#)

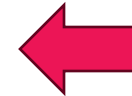
Business practices

[SIG-MSP: Management of Service Portfolios](#)

[SIG-Sustainability](#)

[SIG-Procurement](#)

[SIG-AI](#)



Stakeholder engagement

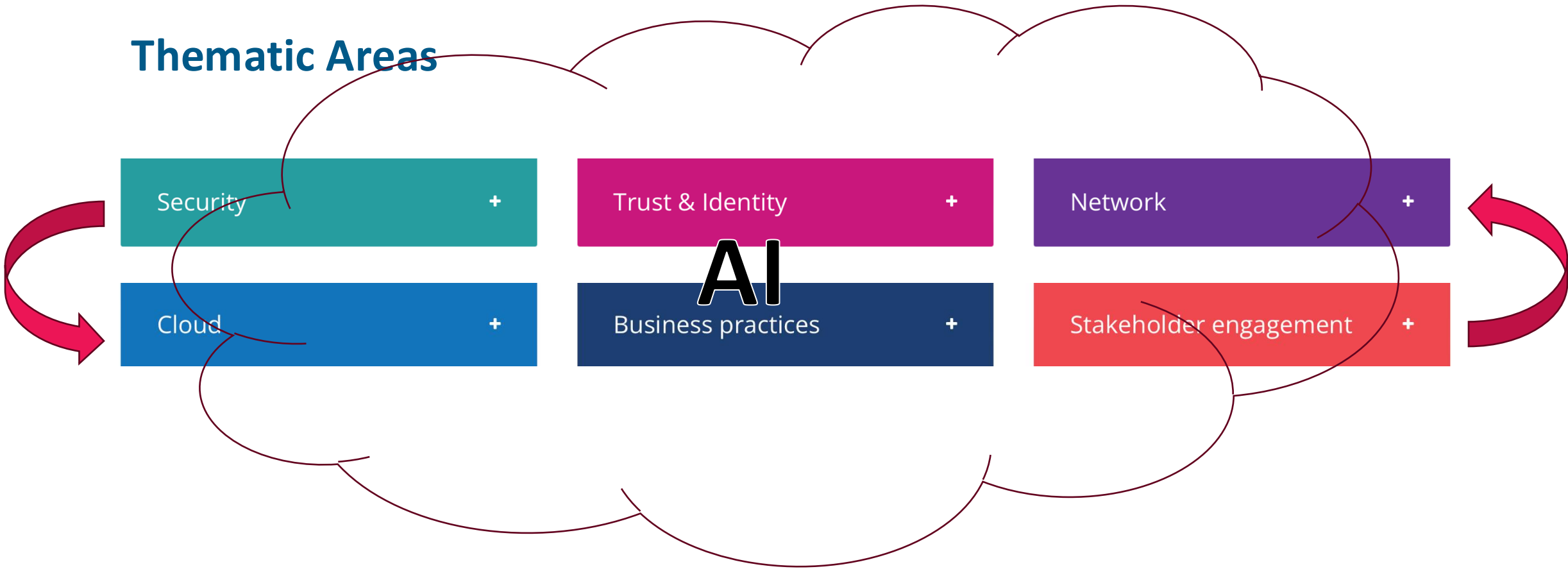
[SIG-RED: Research Engagement Development](#)

[TF-EDU: Educational Technologies](#)

[SIG-Marcomms: Marketing Communications](#)

[SIG-DHD: Digital Health Data](#)

Thematic Areas



community.geant.org/thematic-areas



AI PRESENTATIONS in GCP activities (GN5-2)



SIG/TF	Date	Presentation	Info/Link
SIG ISM	3-4 May 2023	AI - Security Observations: CHATgpt	https://wiki.geant.org/display/SIGISM/SIG-ISM+meeting+May+2023
SIG-MSP	10-11 Oct 2023	AI in NREN Service Portfolios – deep dive	https://wiki.geant.org/pages/viewpage.action?pagelId=633275910 <ul style="list-style-type: none"> Latest trends and how AI will affect GRNET overall strategy and service portfolio. AI in Service provision. What is the situation in Greece (Prof. Stefanos Kolllias, Chairman, GRNET).
Security Days	9-11 April 2024	<i>Lies are (not!) everywhere</i> Keynote: Daniel Stach	https://security.geant.org/geant-security-days-2024/ How has AI changed our ability to recognise what is really true? Presentation
SIG-Marcomms	10 Jun 24	AI for Marketing Communications: Tools, Challenges, and Lessons Learned	https://wiki.geant.org/display/tfcpr/SIG-Marcomms+side+meeting+at+TNC24%2C+June+10+2024
TF-EDU	10 Jun 24	NRENs <u>edu</u> services: 2024 survey findings	https://wiki.geant.org/display/NE/13th+TF-EDU+annual+meeting+-+10+June+2024+-+14%3A00+CEST+-+17%3A30+CEST?preview=%2F774504455%2F817889455%2FTF-EDU-survey_2024-final.pdf Survey indicates AI is increasingly incorporated in training and AI-driven services are highly sought after. Shows AI is a course theme people want introduced in trainings and in community initiatives to support professional development.
SIG-MSP	24 Oct 24	AI lightning talks round table - What's your NREN doing on AI?	https://wiki.geant.org/display/msp/SIG-MSP+Autumn+2024+-+Poznan%2C+Poland
SIG-NOC	13 Nov 24	Open discussion - How is AI affecting our Networks and <u>Datacentres?</u>	https://wiki.geant.org/display/SIGNOC/21st+SIG-NOC+meeting+-+Berlin%2C+Germany

AI & The Community

What is SIG-AI's role?

Innovation Programme

WHAT IS IT?

- A unique opportunity to enable initial development, establish a proof of concept or testing of new ideas, with lightweight admin.
- The GÉANT Association has reserved **EUR300k yearly (since 2021)**, as part of the GÉANT Community Programme.

WHO CAN APPLY?

- Research projects to be carried out **by the GÉANT Community**, i.e. GÉANT Member NRENs, universities, research institutions/institutes or other legal entities linked by a GÉANT Association Member NREN.
- The call for proposals is for funding of **up to EUR50k**, for a duration of **no longer than 6 months**.

Total number per year

	Submitted	Approved
2024	66	6
2023	36	10
2022	42	10
2021	10	10

Innovation Programme – projects funded in 2024

Cloud

Business Platform for OpenStack Clouds
Georgian Research and Educational Networking Association - GRENA - Georgia

Education

ZoomIn4PinkHats - promoting cyber security skills among young women in the education system.
Croatian Academic and Research Network - CARNET - Croatia

Network

Effective Multi-Laser-Beam Transmission for Satellite-Airborne Backhaul Networks
University of Bradford - UK

Mobile App Network traffic Nutrition facts (MANANA)
Università degli Studi di Napoli Federico II - Dipartimento di Ingegneria Elettrica e delle Tecnologie dell'Informazione - Italy

Trust and Identity

Design User Experiences for Digital Identities
University of Málaga (UMA) - Spain

Security

Explainable AI for DNS Security in Privacy-aware NREN Federations - FedXAI4DNS
Institute of Communication and Computer Systems - ICCS - Greece

Interested?

community.geant.org/innovationprogramme/funded-projects/



Community Hub @ TNC24 1st SIG-AI Consultation

Community Hub 2

10:30 - 11:00 CEST | Community Hub

Network Data Catalog Data-X from Brazilian National Infrastructure (10:30 - 11:00)

This demo aims to present the Network Data Catalog/DataX, a system that: (1) offers to r data; and (2) integration with the DataX engine, which is a tool that allows RNP to apply ac

Speakers: [Gustavo Hermínio de Araújo](#) (RNP), [Marcos Schwarz](#) (RNP)

Special Interest Group Proposal: AI for Research and Education Networks

We aim to launch a new Special Interest Group (SIG) dedicated to exploring the transform
This SIG aims to serve as a collaborative platform for NREN representatives and research
Key Discussion Areas for our future SIG:

- Enhanced Cybersecurity: Explore how AI can be leveraged to bolster network security, |
- Intelligent Above-the-Net Services: Investigate the potential for AI to personalize and oq
- AI-Powered Network Management: Discuss how AI can automate network managemen:
- Next-Generation Network Services: Identify how AI can contribute to the development :
- Skill Development: Exploring technical and skills impacts associated with deploying AI i

Join us for this SIG Prep-Meeting:

This SIG aims to foster a vibrant community dedicated to harnessing the power of AI for t and collaborative efforts.

Speaker: [Leonie Schäfer](#) (DFN Verein)

What will SIG-AI be @ TNC25?

SUBMISSION
OPENS 5 FEB
CLOSES 11 MAR

Community Hub

SUBMISSION OPENS: **5 FEBRUARY**

SUBMISSION CLOSES: **11 MARCH (midnight CET)**

The Community Hub is an informal space designed to be dynamic and interactive, where participants can exchange expertise and connect with global colleagues. The Hub offers two formats:

Demo/presentation space

This format is perfect for researchers, practitioners or developers to share technical innovations and lessons learned. Other formats such as a deep-dive session or introducing a new concept/project for input are welcome.

- Capacity of the space: 60 people
- Session length: 30 minutes
- Basic AV equipment (screen, microphone, no VC equipment) will be arranged

Community meet-up

An informal session without screens where participants can discuss key challenges, share opportunities, or brainstorm new initiatives. Examples from last year include meet the expert, public affairs clinic, meet & greets, etc.

- Capacity of the space: max. 20 people
- Session length: up to 45 minutes

Remote sessions will not be accepted. Presenters/meet-up leads will have to be physically present at the TNC25 venue.

All submitters will be notified about the outcome of their submission by the end of March 2025.

tnc25.geant.org/submit/



Thank You

Any questions?

www.geant.org



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