

Welcome from GÉANT



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Public

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Welcome from GÉANT!

- GÉANT connects European NRENs to each other and the rest of the world
- GÉANT supports and represents over 40 NRENs
- Sharing, accessing and processing data generated by research and education communities
- Over 10,000 institutions, 50 million users.
 - including art institutions, conservatoires, theatres and museums
- Active liaison function supporting arts & humanities activities in the European NRENs



Support to Arts and Education

geant.org/People/research_communities/Pages/Arts_and_education.aspx

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Arts and education

Enabling learning, sharing and performing across geographical distances.

New digital techniques such as high-definition videoconferencing are opening up completely new ways to learn, research and perform together. Students can interact across the globe, without leaving their home university. Sharing digital information such as images of manuscripts, artefacts or paintings also enables more people to experience the arts without having to travel vast differences. Where video and audio streams are too large to be efficiently transmitted across the commercial internet, high-capacity networks, such as GÉANT, linked together across the world, are central to arts and education.

Technologies for Networked Performing Art

[Click here to see the solutions](#)

e-Education

Teaching and learning goes global with e-education and research networks.

GÉANT and ASTRA

Reconstructing the sounds of ancient instruments.

GÉANT and perfSONAR MDM

Supporting simultaneous real-time long-distance dance performance.

Also in this section

- Particle physics
- Space
- Health & medicine
- Earth observation
- Energy
- Science meets art
- Research Engagement Team



edu.nl/8wcju



Real-Time Communications Services

Enabling communication and collaboration across the community.

- Online communications are crucial to research and education.
- Students, researchers and institute staff rely on e-learning services and audio and video conferencing to learn and share.
- GÉANT is working to support and foster innovation for the national research and education networking (NREN) organisations and their communities.



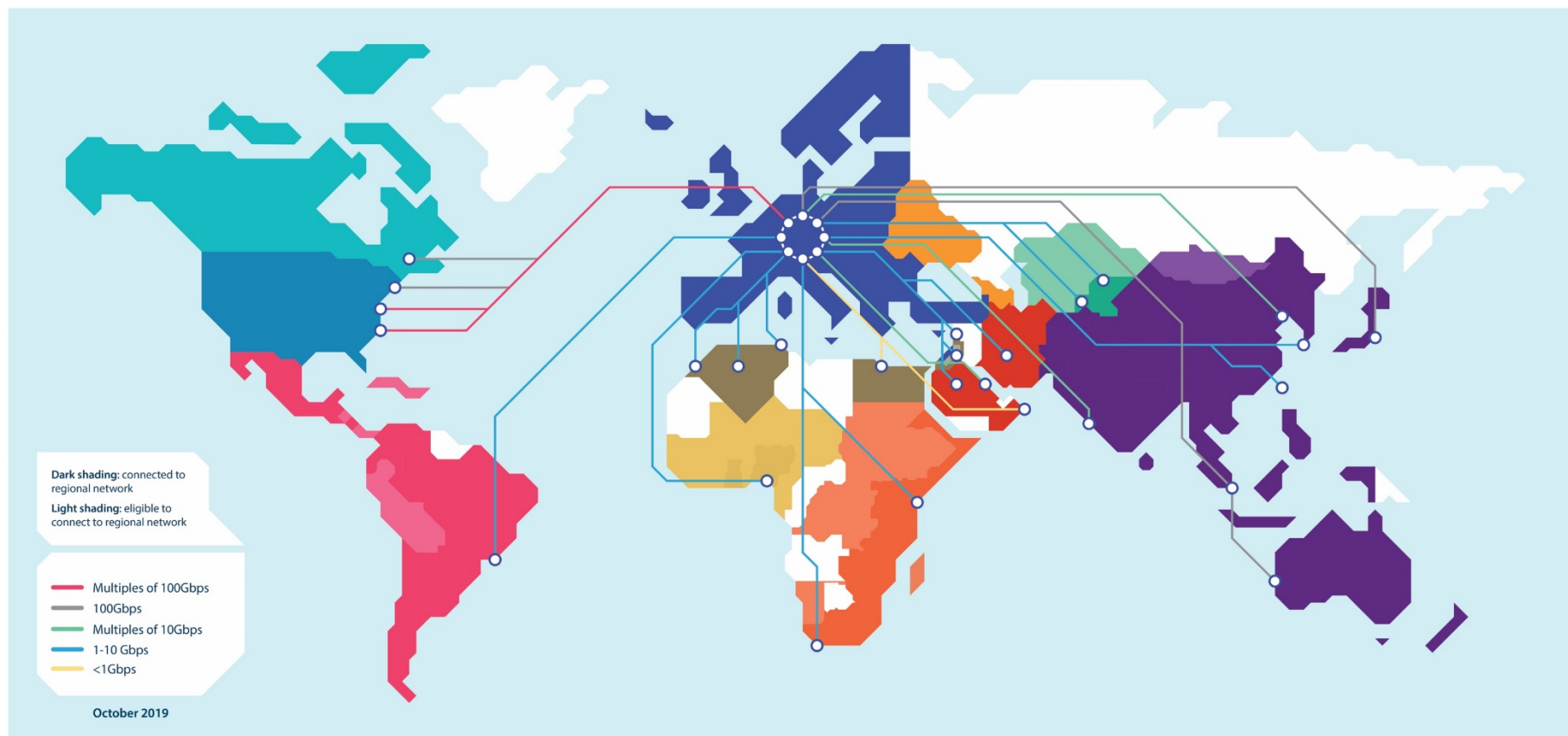
eduMEET - eduMEET.org

- Open-Source, Video Conferencing Software
- Institutions can build their own eduMEET service quickly and easily
- No client software – 100% web-based
- Ideal for remote learning

The screenshot shows the eduMEET website. The header features the eduMEET logo and the text 'web-based videoconferencing platform', along with the GÉANT logo. A navigation bar includes links for 'WHY EDUMEEET', 'TECHNICAL OVERVIEW', 'INSTALL EDUMEEET', 'PRIVACY NOTICE', and 'CONTACT US'. The main content area has a large image of a student using a laptop with the text 'eduMEET is an interactive, web-based videoconferencing platform, supporting distance learning'. To the right are three menu items: 'Build Your Own eduMEET Service', 'Platform Overview', and 'Clientless VC platform - No app downloads required'. A paragraph below states: 'The eduMEET platform has been developed by the Research and Education community for the community. Enabling Institutions to build a low-cost, easy-to-use VC platform for small to medium sized groups.' The footer contains the eduMEET logo, a European Union flag with text about GÉANT 2020 funding, and links for 'Cookies', 'Disclaimer', and 'GÉANT Anti-Slavery Policy'.



At the Heart of Global Research & Education Networking



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Advanced North Atlantic Collaboration

ANA is a collaborative effort of GÉANT, Internet2, CANARIE, Indiana University, NORDUnet and SURFnet to provide multiple, diverse links to support North America-European research.

Provides 400Gbps on diverse paths:

- 100Gbps between New York and Paris, funded by GÉANT
- 100Gbps between Amsterdam and Montreal, funded by NORDUnet and SURFnet
- 100Gbps between Washington and London, funded by Internet2 and CANARIE
- 100Gbps between London and New York, funded by the US NSF NEAAR and successor NEA³R projects led by Indiana University
 - NEA³R project will add additional 100Gbps between US and Copenhagen in late 2020

ESnet funds 400Gbps of capacity between Europe and North America (Boston-Amsterdam; New York-London; Washington DC-Geneva for energy science data. The links also provide back-up for ANA collaboration connectivity.



canarie



Ψ NETWORKING AT INDIANA UNIVERSITY



Once again, welcome! SO happy to have you here!

Thank you 😊

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