EGI2025

Monday, June 2, 2025 - Friday, June 6, 2025

Palacio de la Magdalena, Santander, Spain

Scientific Program

The Call for Contributions for EGI2025 will open on February 3 00:01 CET and will close on March 20 23:59 CET.

https://go.egi.eu/EGI2025_Contributions

Contribution types:
Short Talk (max. 10 mins): when accepted, your talk will be added to the agenda of the appropriate session
Long talk (max 20 mins): when accepted, your talk will be added to the agenda of the appropriate session
Poster: format A0, will be displayed throughout the conference + dedicated networking during opening reception + 1 minute pitch presentation in a plenary session
Demonstration (max 30'): demonstrations showing a service, tool, or product + with dedicated networking during opening reception + 1 minute pitch presentation in a plenary session

Scientific excellence

New discoveries

Scientific discoveries enabled by advanced computing and data management systems from the EGI community.
Warning: for this topic, only short talks will be accepted as this will be a separate session. If you submit as another format, it will be converted automatically.

New advancements in scientific computing

Compute continuum

Hybrid compute infrastructures and the convergent use of HTC, HPC, cloud, container, edge, serverless and quantum technologies. Experiences from National and Thematic infrastructures.

Digital twins

Digital twins for the modeling of complex objects and phenomena

Artificial Intelligence

Federated learning; Distributed AI/ML analytics; AI-powered services for science; Advancements in the "AI on Demand" platform

Platforms and gateways

Integrated and scalable online environments for scientific communities, including for the sharing and processing of sensitive data

National and thematic perspectives

New developments, new operational and user support practices, challenges and opportunities for national or thematic e-infrastructures

Infrastructure federation

Tools, services and approaches for the delivery of scientific compute services in federated environments

Green computing

Lowering the environmental impact of digital services, software and data analytics applications

Data innovations

Data spaces

Scalable solutions for data exchange and analysis in highly distributed ecosystems

Data management and integration

Platforms, tools, services and data lakes for high performance data access and analytics

Processing of sensitive data

Trusted services and environments for the exchange and analysis of sensitive data

Business models

Novel business models and sustainability approaches for big data science across academia and industry

Trust and Security

Trusted computing

Solutions and standards for trust and security in distributed and federated environments

Sensitive data

Secure and FAIR sharing and processing of sensitive data in federated environments

Interoperability and standards

Novel approaches for ensuring interoperable security across distributed service ecosystems

Incident response and recovery

Strategies for detecting and mitigating IAM-related security breaches

EOSC and Open Science

Reproducible open science

Practices and solutions for FAIR, open and reproducible science with big data

EOSC

European Open Science Cloud developments and perspectives, in particular contributions of the EGI community to EOSC

Software quality

Ensuring software quality for Open Source and for Open Science projects