

Technical Forum Goals

Who we are

The Technical Forum is the place inside EICO where the **computing centers** — the upcoming Echelon-1 and Echelon-2 sites — discuss, plan and shape the EIC computing infrastructure.

Part of EICO

EICO provides computing resources, infrastructure and services for the EIC; today its focus is ePIC

Resource-provider view

Every topic is framed by how it affects the sites that host and operate the resources

Site operations first

Tools and services that touch sites: metrics, data and workflow management, networking

Four roles of the Technical Forum

01

Exchange information

Between sites, EICO and the experiment(s)

02

Discuss and plan

From the resource-provider view: schedules, resource use, technical solutions, challenges and site requirements.

03

Propose to the Management Board

Organize discussions on production systems, middleware and services

04

Shape the technical roadmap

For the evolution of EIC facilities and services

How the Forum works

Open meetings

Open to all interested members of EIC computing; other parties invited for topical discussions

Chairs

Appointed by the MB for two years; extension with full concurrence of the OB

Seat on the MB

The TF chair is an ex officio member of the EICO Management Board

Reports to the MB

Regular updates on TF activity

Working groups

Started and stopped as needed to address specific technical issues

Meeting Cadence

Regular meeting with specific topics

MB: Management Board

OB: Overview Board

ePIC computing WGs and the Technical Forum

	ePIC Production & Streaming Computing WGs	EICO Technical Forum
Perspective	The experiment: what ePIC needs	The resource providers: how sites deliver and operate it
Owns	The requirements, plus the computing model (with host-lab concurrence) and multi-year resource plans	Site-level implementation, operations and the technical roadmap of facilities
Typical topics	Workflows, production campaigns, streaming readout and processing	Networking, site metrics, operations, support, accounting
Reports to	ePIC collaboration	EICO Management Board

How the two complement each other



Working principles

- Requirements are discussed in ePIC; how sites meet them is discussed in the TF
- Cross-participation and short liaison reports in both directions, no duplicated agendas
- Site feedback (capacity, constraints, operational issues) flows back to ePIC planning

Topics for the coming meetings

TODAY

Networking and LHCONE

ESNET; LHCONE

NEXT

Data and Compute

CPU, GPU and storage at the sites

NEXT

User and site support

Ticketing and escalation, e.g. GGUS

NEXT

Site metrics and monitoring

Common metrics and dashboards