



Research Infrastructures: Foundations for a Collaboration, Landmarks for Science



Allen Weeks - Director General, ELI ERIC

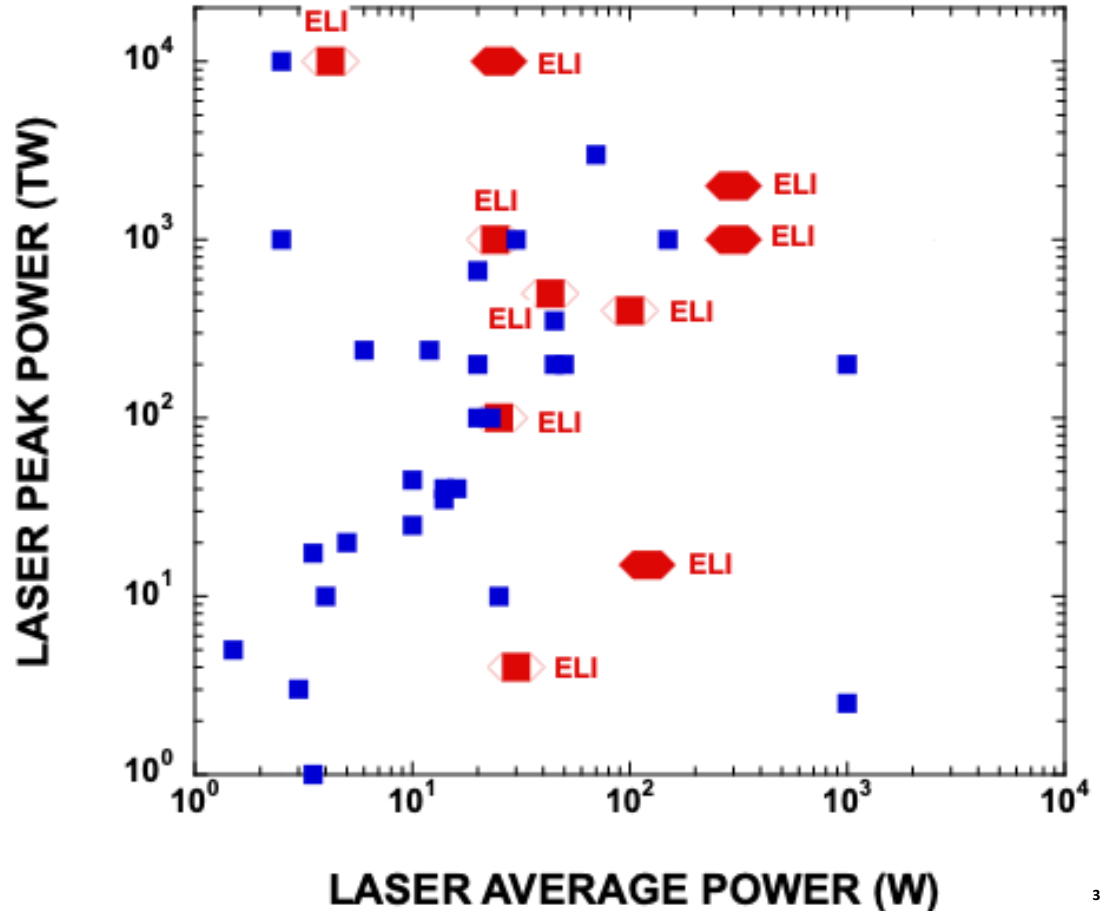


Dominating the laser landscape

The ELI Facilities are powering previously impossible research

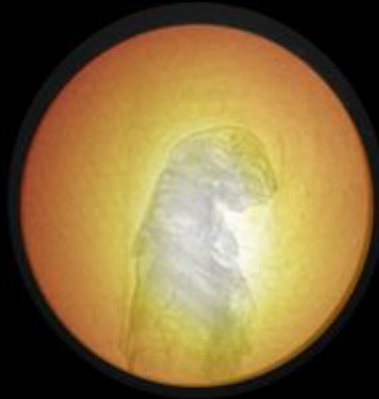
The Extreme Light Infrastructure is the world's largest and most advanced high-power laser infrastructure and a global technology and innovation leader in high-power, high-intensity, and short-pulsed laser systems.

ELI's suite of lasers cover the full spectrum of average and peak power.

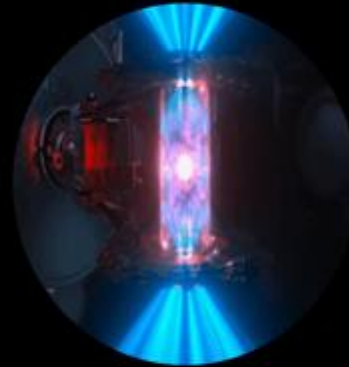




particle
acceleration



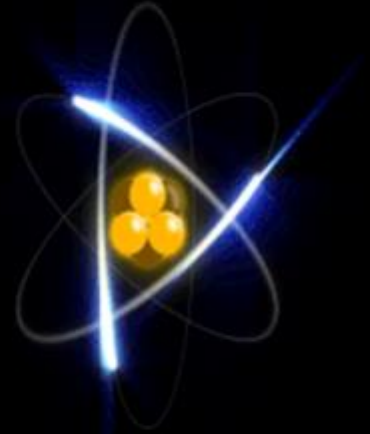
radiation
physics



high-energy
density (HED)

fusion

astrophysics



ultrafast
dynamics
material science
biology

ELI Open to the World

The ELI User Programme is based on three modes

Excellence-Based Access

Results published and open

Mission-Based Access

Results published and open

Proprietary Access

Results retained by the user, consistent with ELI eric's data and IPR policy



One Organisation



Three World-leading Facilities

Beamlines – High-Energy Beam Facility, to explore extreme conditions or produce high-energy particles and radiation (*Czech*)

ALPS – Attosecond Light Pulse Source, unique time-resolved investigation of light with all the four states of matter (*Hungary*)

Nuclear Photonics (NP) Facility ultra-intense lasers to explore new nuclear states (*Romania*)

637 Staff

37 Nationalities

Seven Countries Established in 2021



Education and Training at ELI



9th Annual ELI Summer School 2024 (ELISS)

125 Students from 24 Countries

24 Speakers

5 day programme

15 Hands-on activities

41 Posters submitted



European Strategy Forum on Research Infrastructures



Roadmap 2006



Roadmap 2008



Roadmap 2010



Roadmap 2016



Roadmap 2018



Roadmap 2021

Europe's Roadmap to Research Infrastructure Goes Through ESFRI.



Funded by the European Union



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- 26 | 27 | 28 |



2011 FIRST ERIC ESTABLISHED

today 28 ERICs
with an average of 12 Member Countries

ericforum.eu

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Thank You



A EUROPEAN RESEARCH
INFRASTRUCTURE CONSORTIUM