EuPRAXIA
Doctoral Network

ACCELERATING RESEARCH AND TRAINING

Several tens of thousands of particle accelerators are in use today with varied applications in research, industry, medicine and other fields. Yet accelerator usage could be much more widespread, were it not limited by cost and size constraints.

A possible solution to this bottleneck is the development of more compact – and consequently more cost-efficient – accelerator technologies, a strategy that has been investigated in the past two decades bringing forth plasma accelerators as one of its most promising candidates.

EuPRAXIA-DN School on Plasma Accelerators

TOPIC : The school will be organized in partnership with INFN and introduce the basic principles of plasma accelerators, including basic plasma physics, laser- and beam-driven acceleration, plasma injection schemes, plasma and beam diagnostics, particle-in-cell codes, as well as specific high impact projects, including EuPRAXIA and AWAKE.

VENUE: Orto Botanico di Roma, Rome, Italy

DATE: 22 – 26 April 2024

REGISTRATION DEADLINE: 29 February 2024

STANDARD FEE: £480
(The fee includes all training materials, coffee breaks and lunches, welcome reception on Monday evening, formal dinner on Thursday evening and excursion to INFN-LNF on Wednesday.)

Several scholarships for early-stage researchers from outside the EuPRAXIA Doctoral Network will be available.

Registration and more information:

https://agenda.infn.it/event/38913/

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