



# Advanced Training School on Operation of Accelerators

## CERN, 16-22 June 2025

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**I. Efthymiopoulos**  
ATSOA25 Meeting, 16.12.2024

- <https://indico.cern.ch/e/ATSOA-CERN25>
  
- Agenda today
  - School advertisement
  - Student selection
  - School program
  - Timeline



**2<sup>nd</sup> Advanced Training School on Operation of Accelerators**  
**Courses - Hands-on – Simulation**  
**PS-Booster — ISOLDE — CLEAR**  
**May 12 - 16, 2025**

**Content**  
 Accelerator Complex  
 Control system  
 Beam Characterization  
 Phasing SC Cavities  
 Mass Scans  
 Steering Algorithms  
 Collimation

**Contact: CERN ATSOA School**  
<https://indico.cern.ch/e/atsoa2025>  
[euro-labs.atsoa@cern.ch](mailto:euro-labs.atsoa@cern.ch)

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## School Advertisement

- Announce school and call for registration to
  - CAS (Frank), JUAS (Elias), TIARA (Phil), I.FAST (Maurizio) – IliasE
  - ISOLDE list – MariaB
  - CLEAR community - RobertoC
  - CERN groups ? – SY, TE, BE Depts
- Need to prepare an e-mail template

## Student Selection

- Requirements:
  - Recent CV
  - 1 reference letter
  - Registration form with some fields to fill:
    - Motivation : why the interest for the school?
    - Impact : relation to ongoing studies, current job or future application
    - Pre-requisites : have attended CAS or JUAS or equivalent ?
- How many students ? 18 as last year?

# The Program

	Group A	Group B	Group C
Hans-on	ISOLDE - PSB	PSB - CLEAR	CLEAR - ISOLDE
Visit	CLEAR	ISOLDE	PSB

	Monday 12/05	Tuesday 13/05	Wednesday 14/05	Thursday 15/05	Friday 16/05
AM 09:00 – 12:00	Lectures All	hands-on ISOLDE : Group A PSB: Group B CLEAR: Group C	Lectures Exercises All ??Colliders/LH C?? - Ilias	hands-on ISOLDE : Group C PSB: Group A CLEAR: Group B	hands-on ISOLDE : Group C PSB: Group A CLEAR: Group B
Lunch 12:00 – 14:00					
PM 14:00 – 17:30	hands-on ISOLDE : Group A PSB: Group B CLEAR: Group C	hands-on ISOLDE : Group A PSB: Group B CLEAR: Group C	visit ISOLDE : Group B PSB: Group C CLEAR: Group A	hands-on ISOLDE : Group C PSB: Group A CLEAR: Group B	Closing All

## Timeline

- Registration deadline – **January 31, 2025**
- Candidate review – evaluation – 1-7/02
  - Meeting to conclude on the candidates : **Monday February 10 @ 14h00PM**
- Candidates confirm and register – **February 28, 2025**



**My best wishes for a  
Healthy, Happy and Creative**

