



HANDS-ON TRAINING WORKSHOP ON OPERATION, TEST AND REPAIRS OF GE DETECTORS 2024

PROGRAMME

Monday, 2nd September 2024

- 14:00 – 14:30 Arrival and Welcome
- 14:30 – 15:10 **Talk 1** - H. Hess (40'): **General Properties of semiconductor detectors**
- 15:10 – 16:10 **Talk 2** - J. Eberth (60'): **From Ge (LI) detectors to gamma x-ray tracking arrays**
- 16:10 – 16:30 Coffee Break
- 16:30 – 17:30 **Talk 3** - H. Hess (60'): **First diagnostics, from simple to highly segmented Ge-detectors**

Tuesday, 3rd September 2024

- 09:30 – 10:00 **Talk 4a** - G. Secci (30'): **A journey through nuclear electronics**
- 10:00 – 10:30 **Talk 4b** - S. Capra (30'): **Low noise front-end electronics**
- 10:30 – 10:50 Coffee Break
- 11:00 – 12:15 **LAB**
- 12:15 – 13:20 Workshop Picture + Visit to SPES
- 13:20 - 14:30 Lunch
- 14:30 – 15:45 **LAB**
- 15:45 – 16:05 Coffee Break
- 16:15 - 17:30 **LAB**

Wednesday, 4th September 2024

09:30 – 10:00 **Talk 5** - H. Hess (30'): **Cryostats for Ge-detectors**

10:00 – 10:30 **Talk 6** - G. Duchêne (30'): **The AGATA scanning tables**

10:30 – 10:50 Coffee Break

11:00 – 12:15 **LAB**

12:20 – 13:20 **Talk 7** - A. Goasduff (60'): **Digital signal processing and on-line reconstruction on the position**

13:20 – 14:20 Lunch

14:30 – 15:45 **LAB**

15:45 – 16:05 Coffee break

16:15 – 17:30 **LAB**

Thursday, 5th September 2024

09:30 – 10:30 **Talk 8** - D. De Salvador (60'): **Semiconductor processes for HPGe detector**

10:30 – 10:50 Coffee Break

11:00 – 12:15 **LAB**

12:20 – 13:20 **Talk 9** - G. Duchêne (60'): **The AGATA scanning tables – the case of the one at IPHC**

13:20 – 14:20 Lunch

14:30 – 15:45 **LAB**

15:45 – 16:05 Coffee Break

16:15 – 17:30 **LAB**

20:00 Workshop Dinner

Friday, 6th September 2024

09:30 – 10:30 **Discussion**

10:30 – 10:50 Coffee Break

11:00 – 12:15 **LAB**