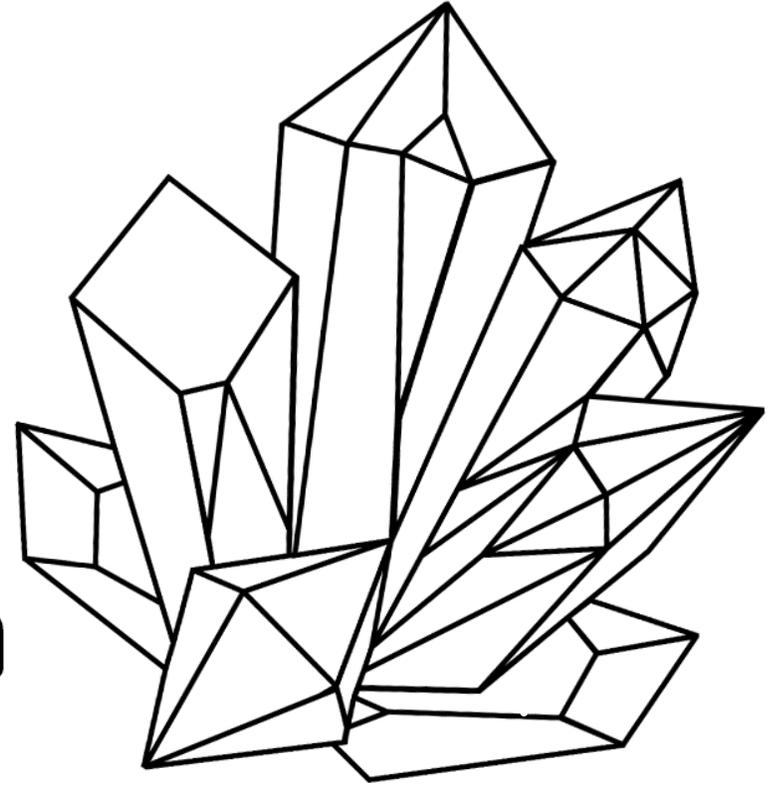
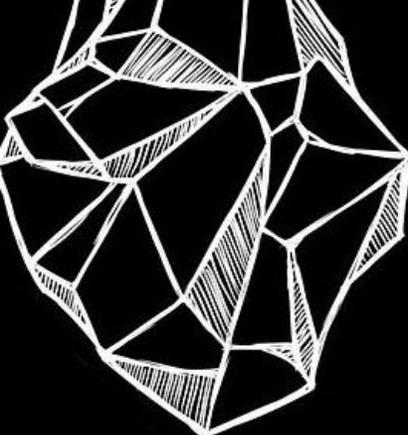
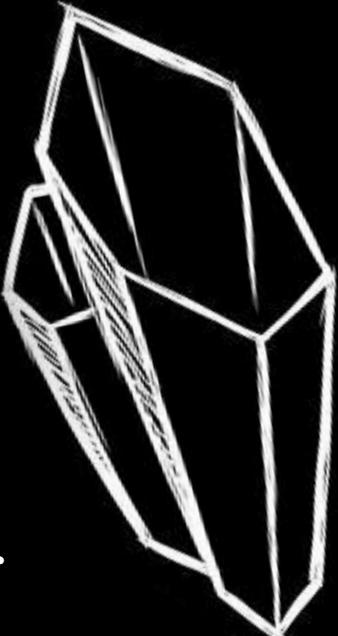


Scintillator Characterisation

Jehan Alsawaf and Mehlika Betul Baltaci

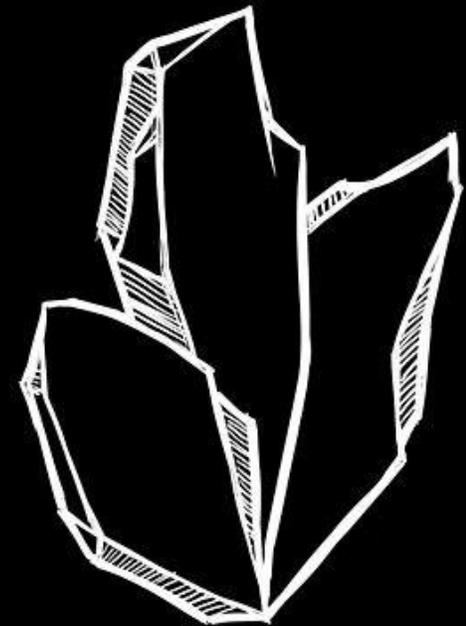
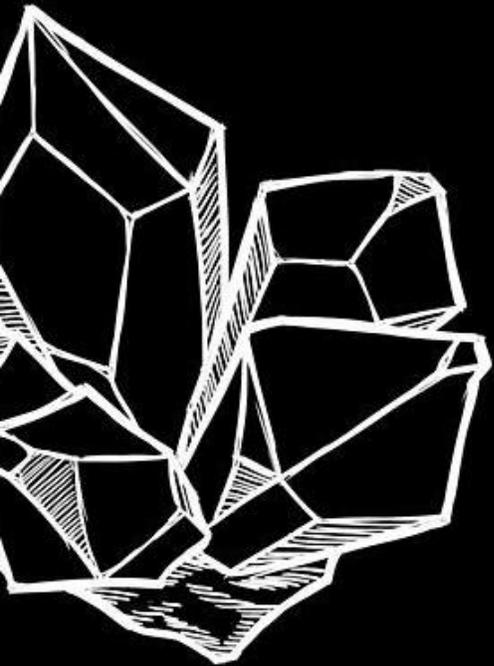
Supervised by Etienne Auffray



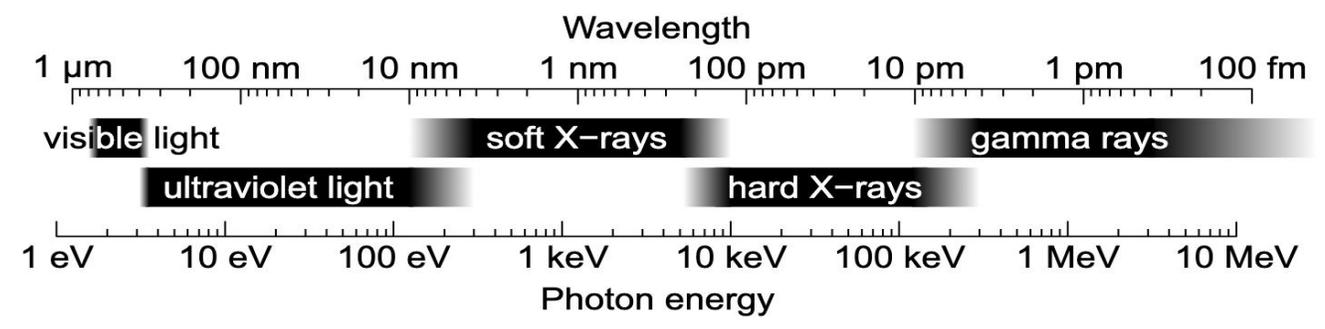
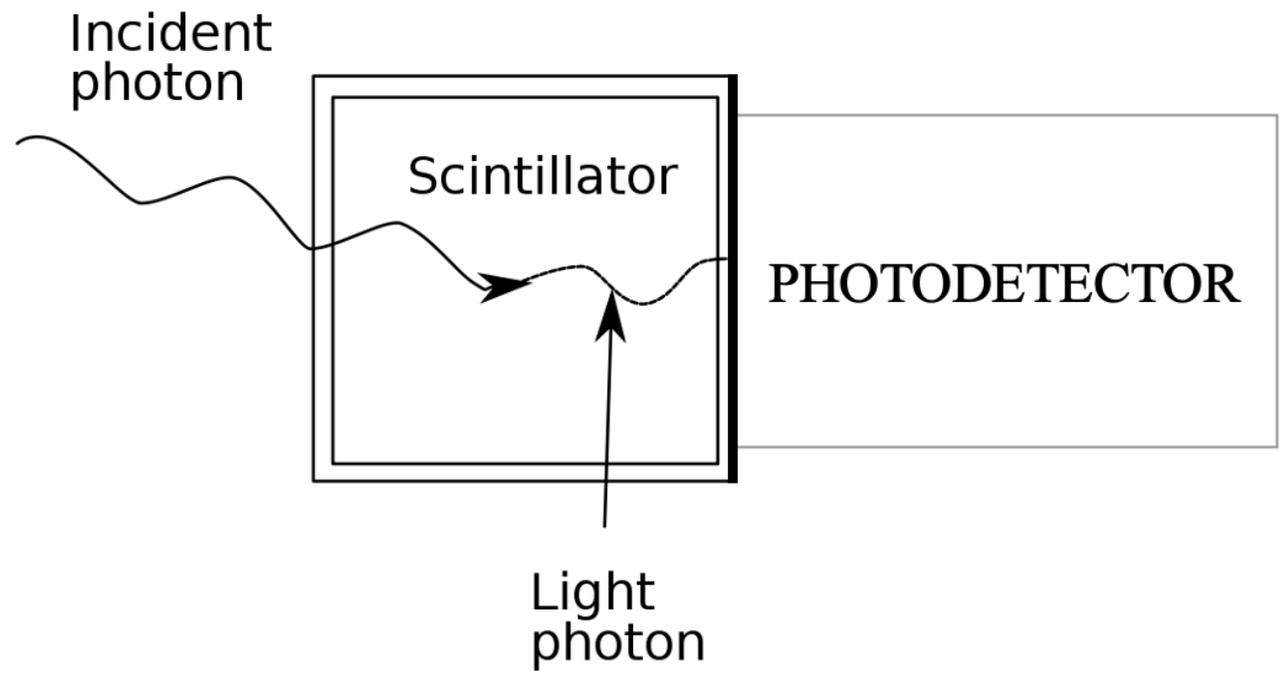


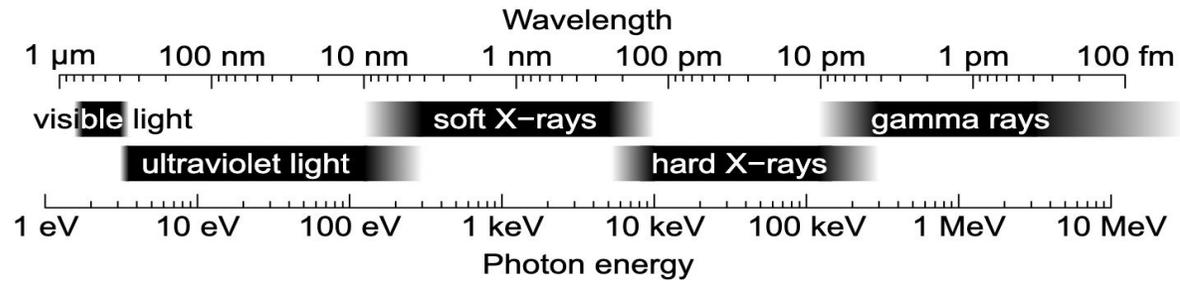
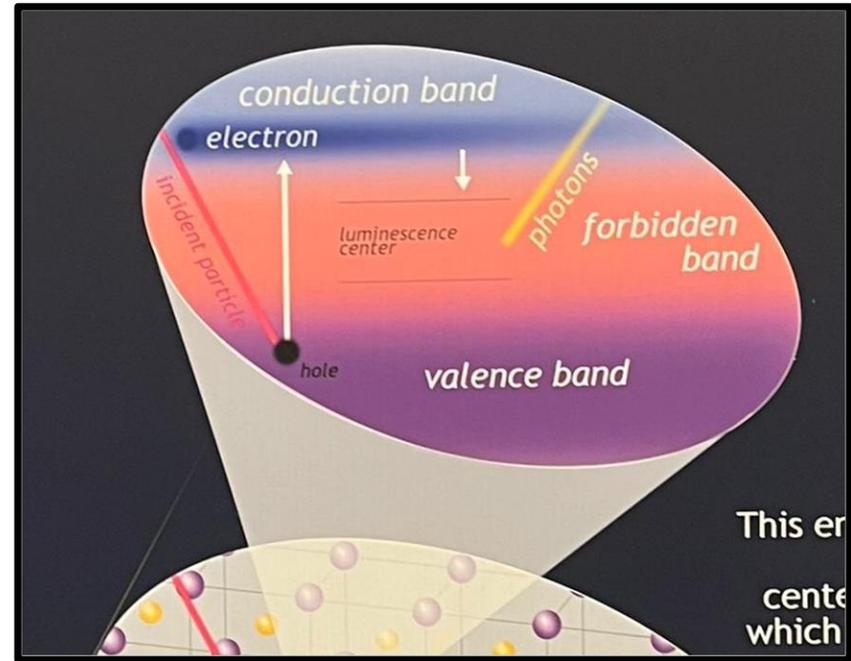
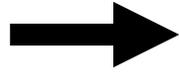
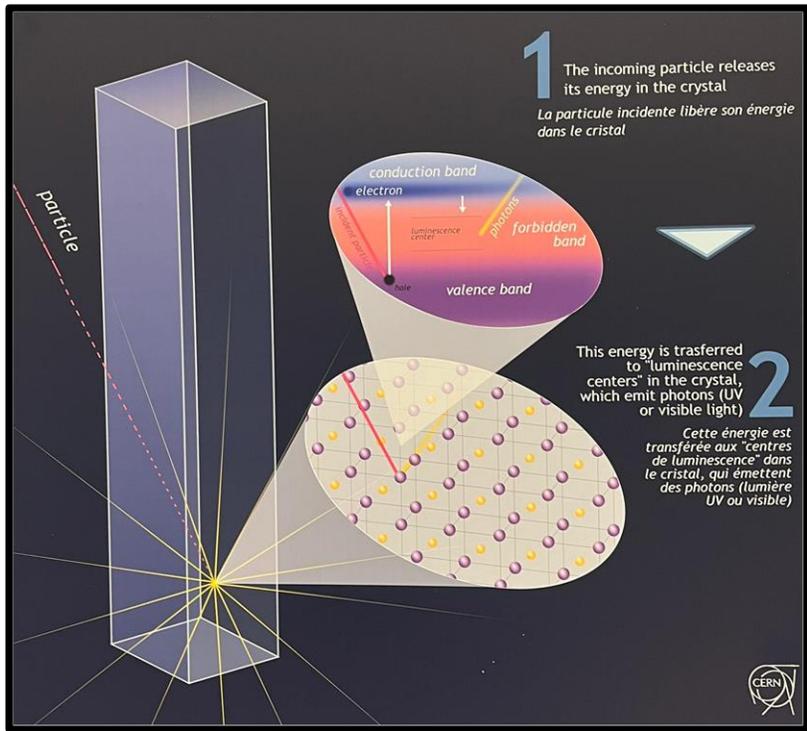
CONTENTS

- *Physics Behind*
- *Fields of Usage*
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 - Emission
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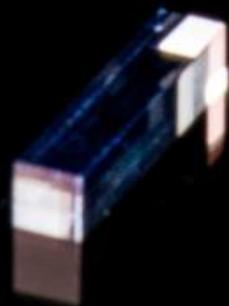
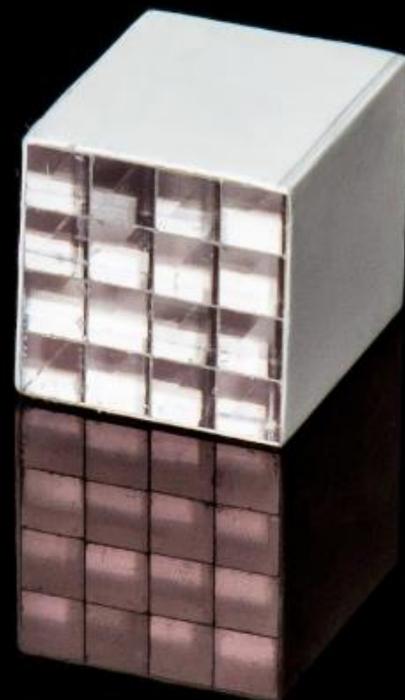
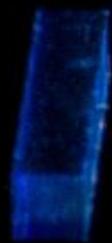


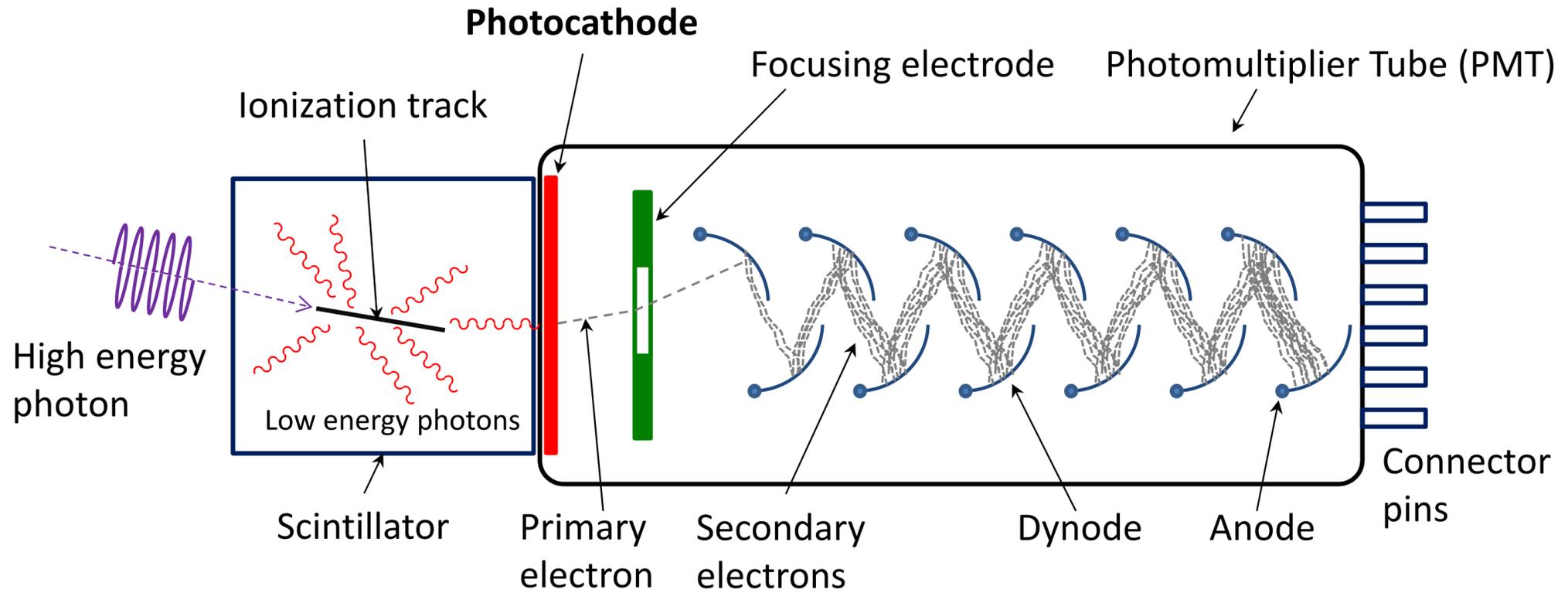
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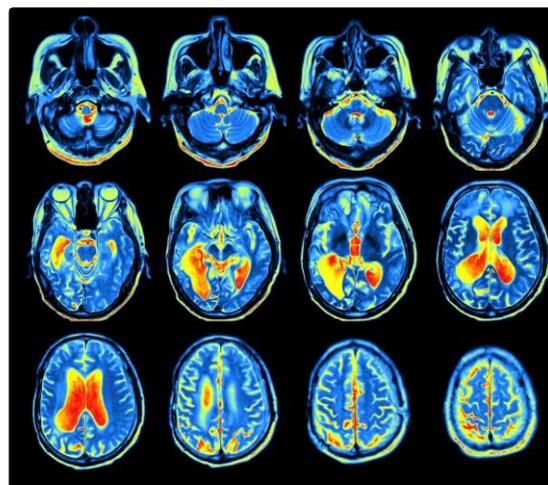
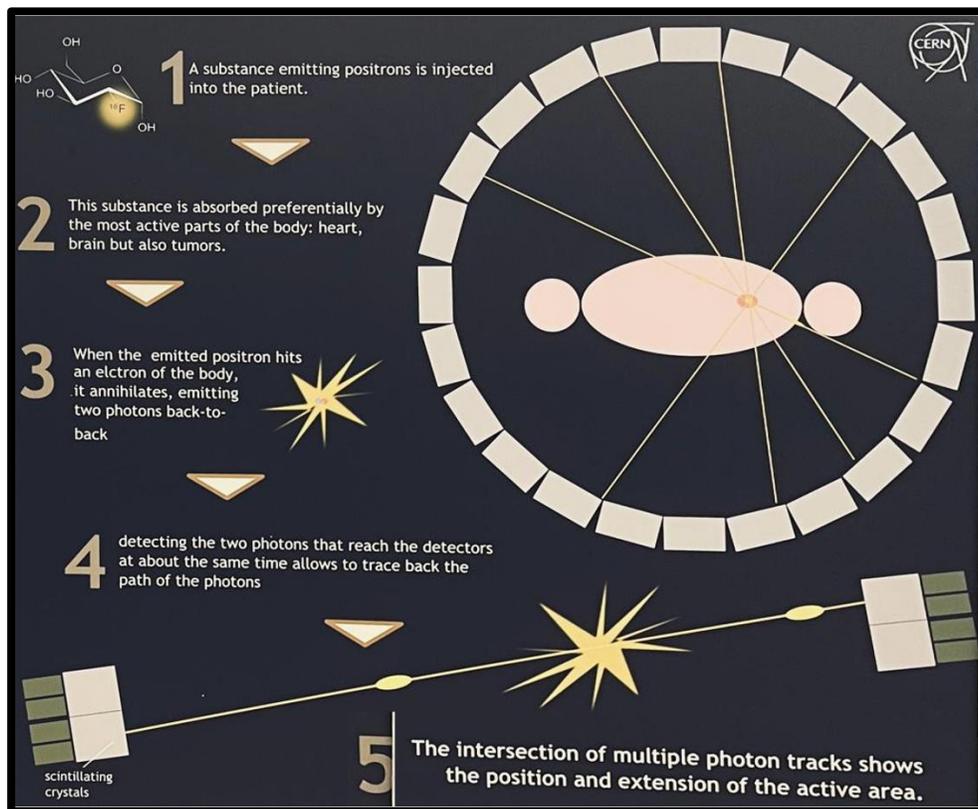
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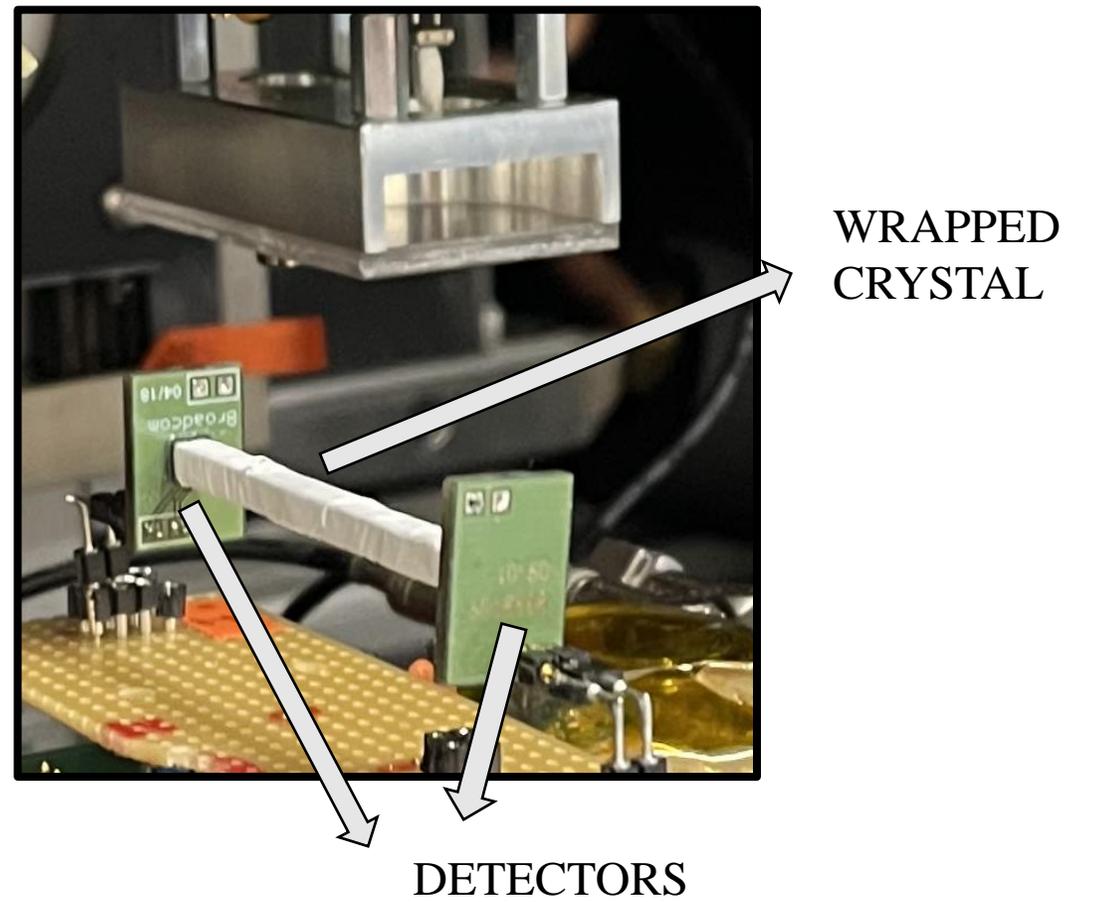
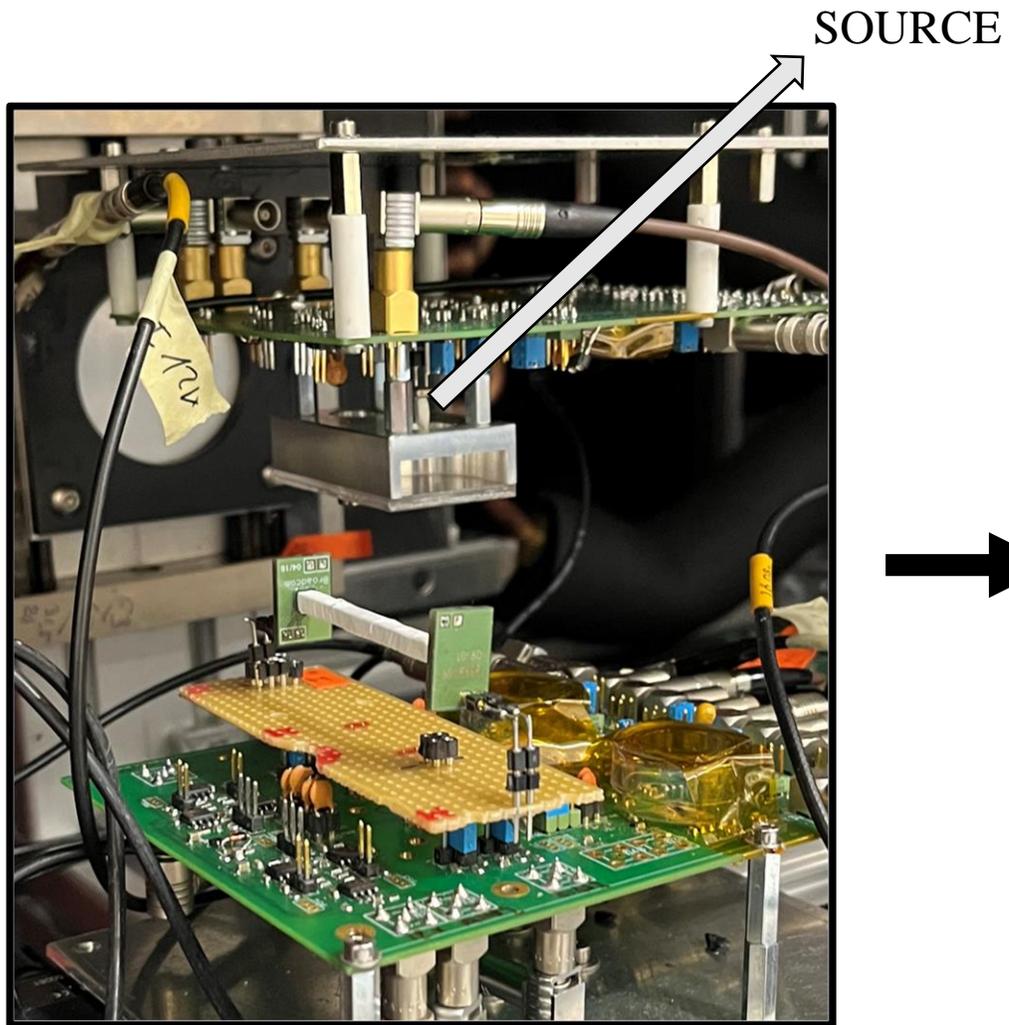




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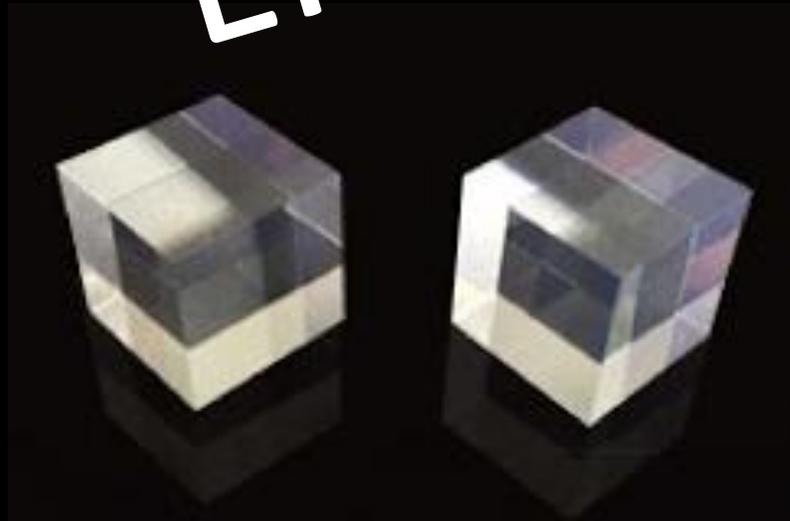
From Particle Detection to Tumour Detection





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LYSO



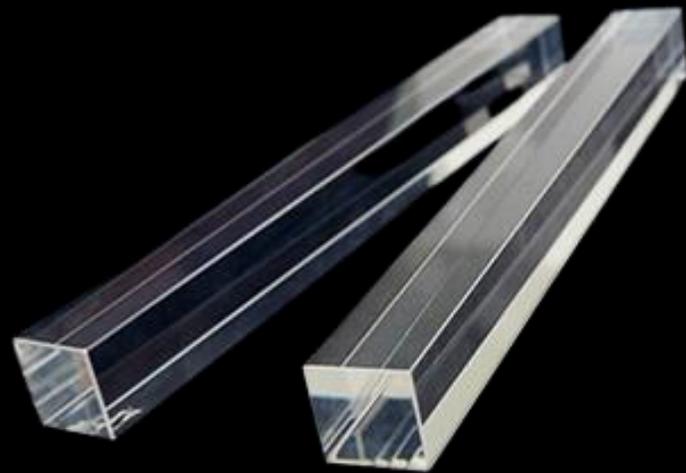
GAGG



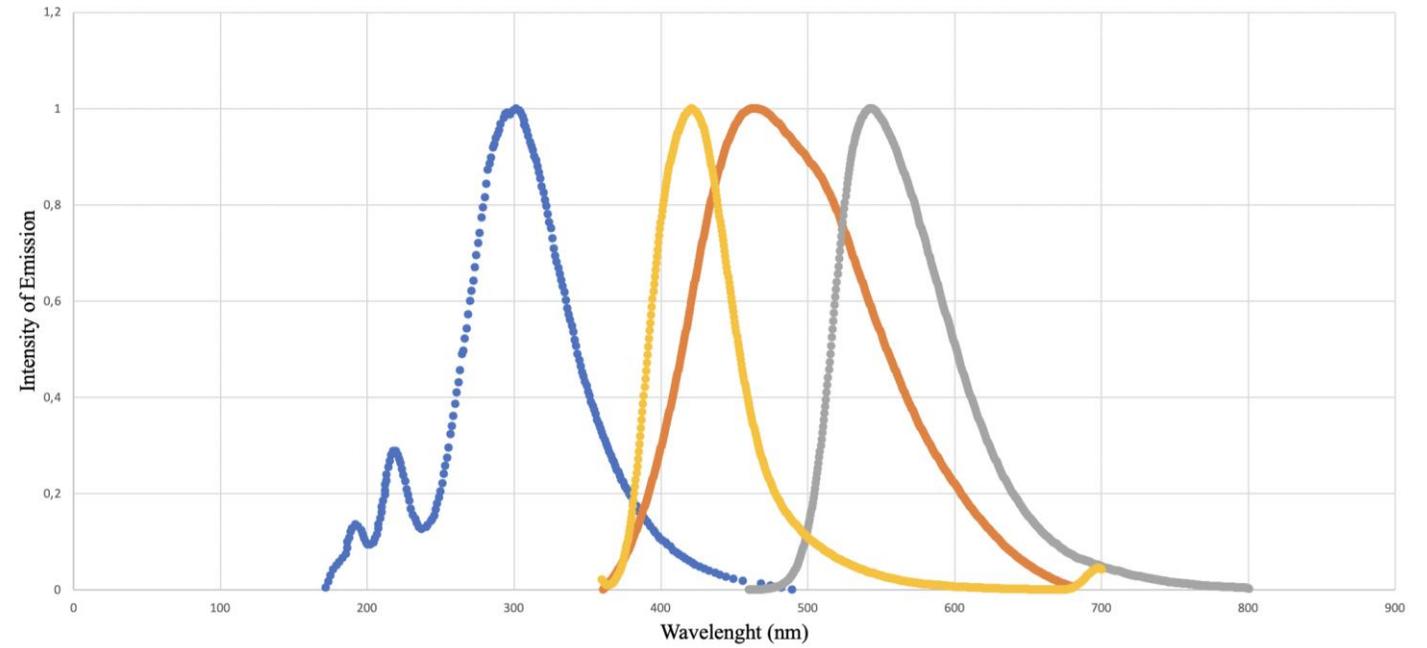
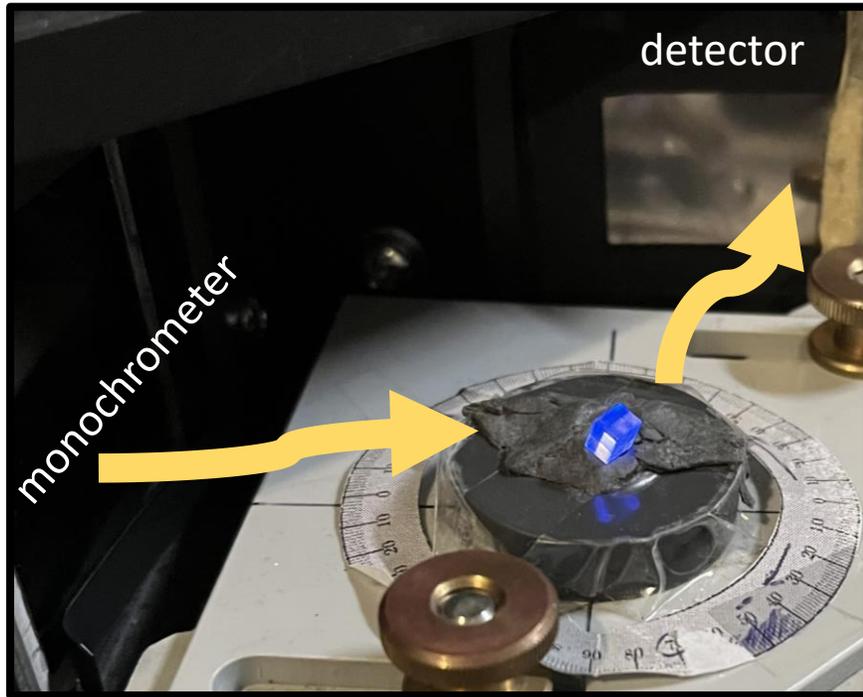
BGO



BaF₂

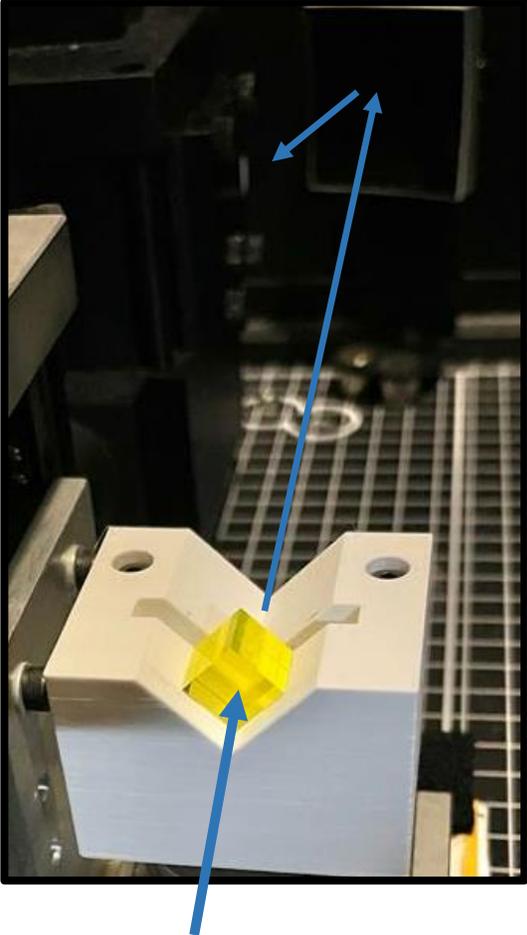
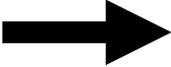
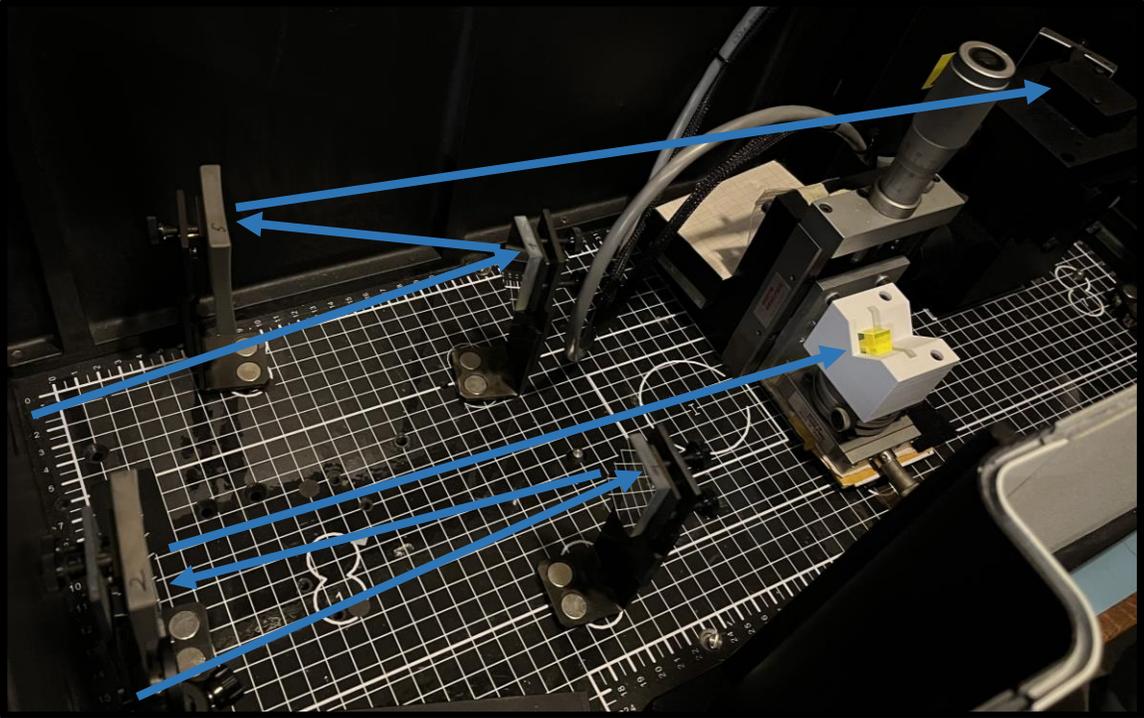


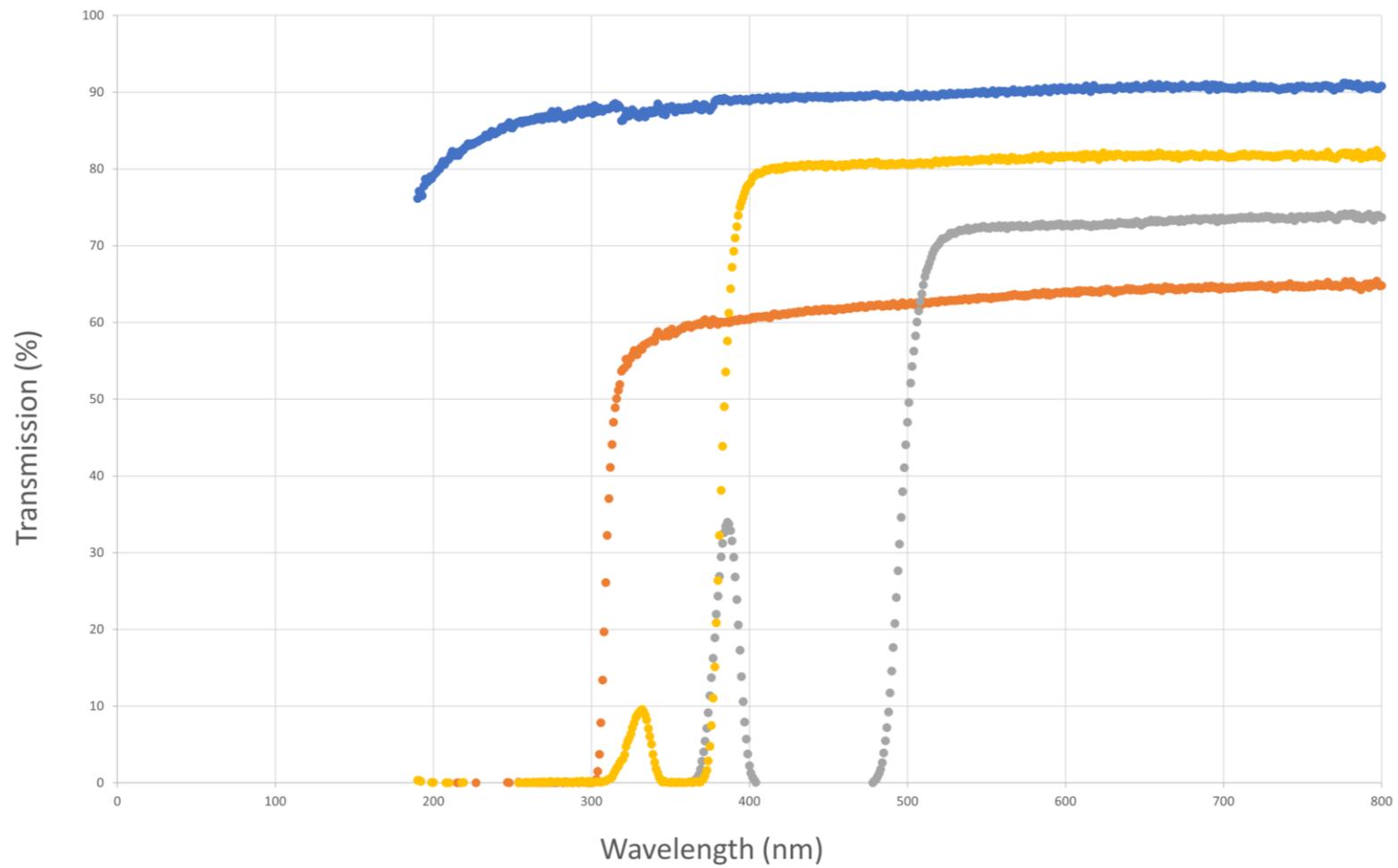
EMISSION



● BaF2 ● BGO ● GAGG ● LYSO

TRANSMISSION





● BaF2 ● BGO ● GAGG ● LYSO



Universe of Particles

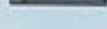
Univers de particules

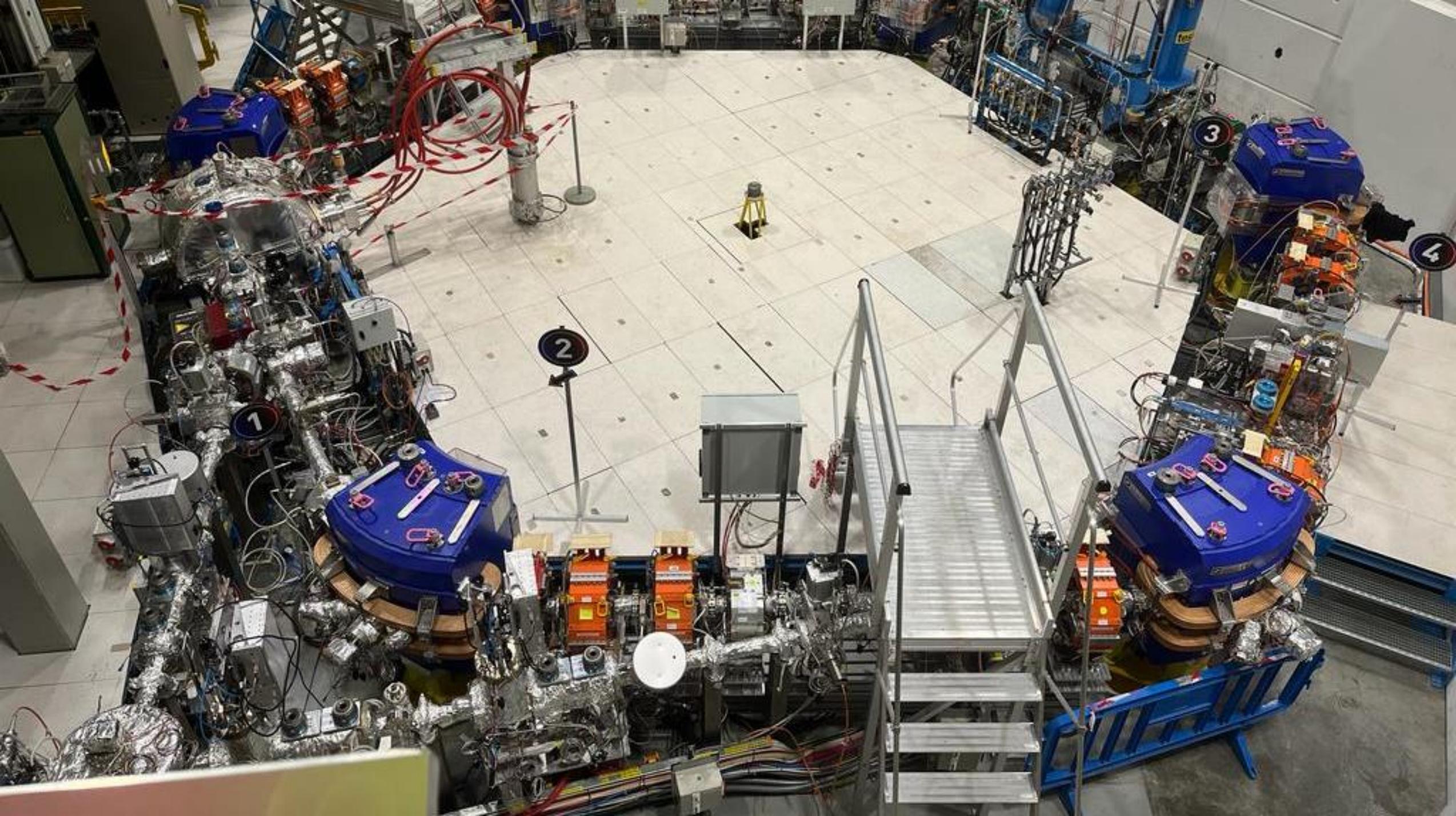
Universe of Particles CERN visitor centre

Introduction time
Monday to Saturday
10:00 - 17:00 (last admission 16:00)
The film "Universe of Particles"
in English, in French, in German or
in Spanish (10:00-16:00)
10:00 - 16:00 (last admission 15:00)
10:00 - 16:00
10:00 - 16:00

Univers de particules Espace visiteur du CERN

Entrée libre et gratuite
Du lundi au samedi
10:00 - 17:00 (dernière entrée
à 16:00)
Le film "Univers de particules"
en français, en anglais et en allemand
10:00 - 16:00 (dernière entrée à 15:00)
10:00 - 16:00
10:00 - 16:00















A person wearing a light blue surgical face mask and a grey hoodie is seated in the middle rows of the lecture hall.

PLEASE USE YOUR OWN DESK







THANKS TO,

Etiennette AUFFRAY

Hartmut HILLEMANNNS

Andrea POLESEL

Roberto CALA

Lorenzo MALENTACCA

Matteo SALOMONI

Camilla Loenborg NIELSE

Frederik Wilhelm DALL'OMO

