

# LISBOA AND DEPLETED URANIUM IN INTERMETALLICS

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# TÉCNICO LISBOA

**Host organisation:** Instituto Superior Técnico/Instituto Tecnológico e Nuclear, Universidade Técnica de Lisboa

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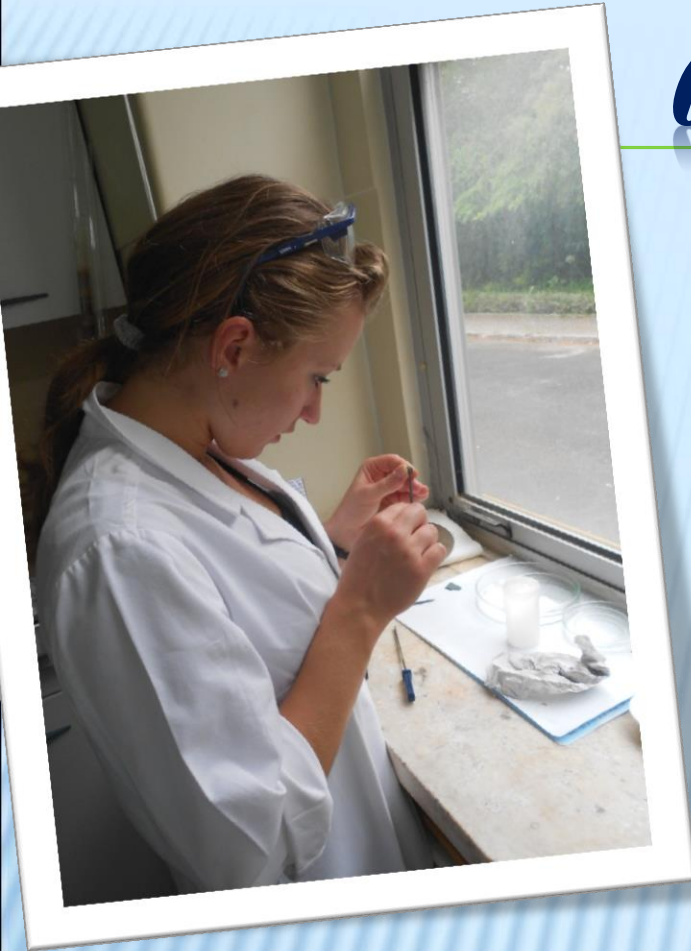
## **Tecnológico e Nuclear Campus**

**IST Tecnológico e Nuclear Campus is one of the most important technology parks from the country, particularly in the domains of nuclear science and nuclear techniques, as well as radiology protection and nuclear safety.**



**Tecnológico e Nuclear campus is dedicated to promoting and implementing activities such as research and technology development, advanced training, professional specialization and improvement, in addition to the duty of supporting the Portuguese Government, both scientifically and technologically, in nuclear safety and radiology protection domains or other domains involving radiations and radioisotopes applications.**

# ***OUR WORK***



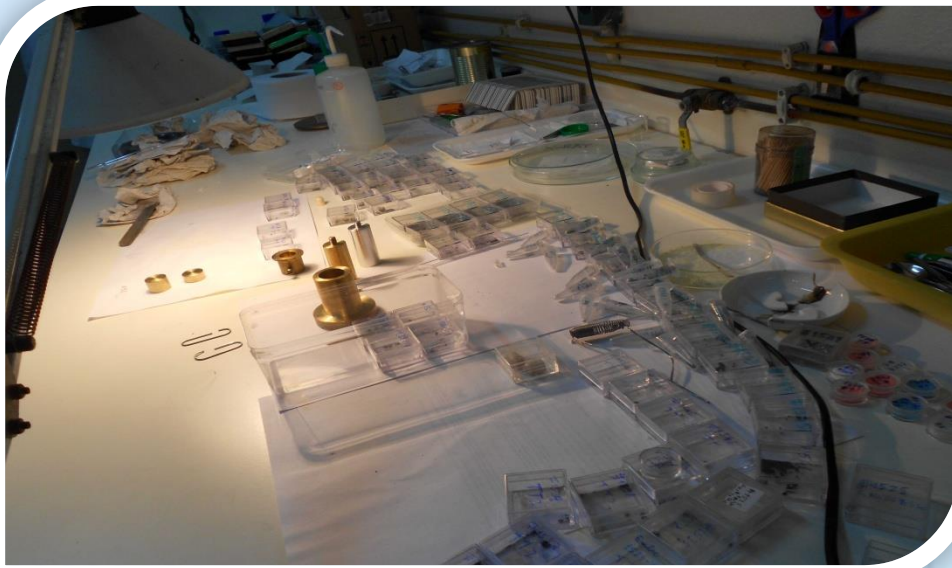
- Preparation and characterization of Uranium containing intermetallic samples.

- Preparation of intermetallic samples by arc melting and understanding of the technique.



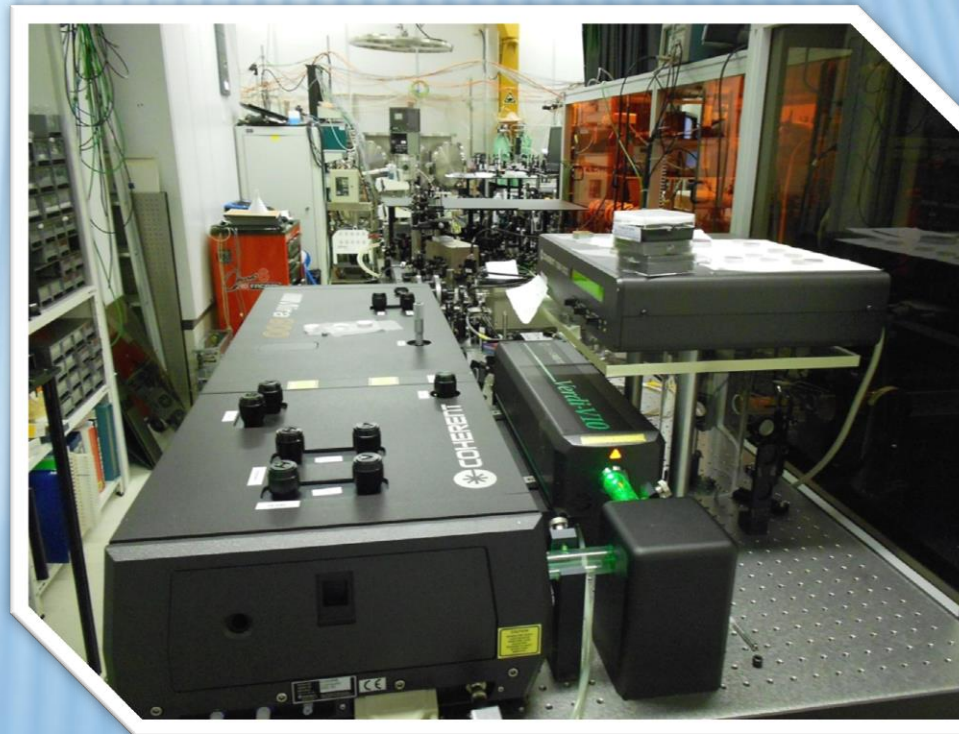
- Preparation of intermetallic samples by induction melting and understanding of the technique.





- Preparation of the intermetallic samples for heat treatments and understanding of solid-state reactions.

- Observation and study of intermetallic samples by SEM/EDS.
- Public presentation of scientific results.
- Writing a scientific report.
- Visiting a different presentation.



## *POSITIVE*

- ✖ You can see the Science in the action.
  - ✖ Live in the country with different culture and lifestyle.
  - ✖ Increase of english language skills
  - ✖ We saw laser´s laboratory, nuclear reactor, IR spectroscop, Scanning electron microscope with explaing.
  - ✖ Meeting with stranger people.
- 

## *NEGATIVE*

- ✖ Not enough money from financial grant.



# ***INFORMATION ABOUT LIVING***

- We found rooms for living there through <http://www.lisbon4u.com/en>



- Through room4u, we met people from Germany, Netherland, Finland, Hungary, Estonia, Poland, Italy, and China.



# ***SPEND FREE TIME***

Baixa-Chiado square



Panteao Nacional



Eléctrico em Lisboa

Gardens Vasco da Gama



Parque Eduardo VII.





Rua Augusta



Vasco da Gama Bridge



Summer festival





You have to try  
Erasmus! 😊

