



# SUMMER SCHOOL IN NUCLEAR PHYSICS AND TECHNOLOGIES

## PROPOSING INSTITUTES

- College of Engineering - **University of Texas at Austin**
- Department of Physics and Earth Sciences – **University of Ferrara**
- **National Institute of Nuclear Physics** – Ferrara Section
- **Consorzio Futuro in Ricerca**

<http://www.fe.infn.it/ftnschool>



## WHO IS IT FOR?

The program is designed for 6 students **not attending a graduate student program** and having at least a **bachelor degree** in Physics, Earth Sciences, Environmental Sciences, Engineering, Mathematics, Informatics, Chemistry, Astronomy.

## WHEN IS IT?

From **May 31 to June 29, 2018**.

## WHERE IS IT?

Lectures will be held in English in the classrooms and laboratories of the **University of Ferrara Department of Physics and Earth Sciences**.

## WHAT DOES IT OFFER?

- **Theoretical lectures** on nuclear and radiation physics.
- Basic knowledge for **environmental monitoring** and **industrial development**.
- **Laboratory group activities**.
- Use of **cutting edge instruments** for performing nuclear physics measurements.
- **Data analysis** and **report writing**.
- **Career guidance** in collaboration with the main stakeholders.
- **Guided tours** at the **Gran Sasso National Laboratories (LNGS)** and at the **TRIGA Research Reactor in Pavia**.



**Registration deadline  
February 28, 2018**

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