

## SYRTEP-SYRIP Programs @Elettra



## *F. Mazzolini Elettra-Sincrotrone Trieste S.C.p.A.*

### Elettra 2.0-2.4 GeV 3<sup>rd</sup> generation Synchrotron Radiation Facility





FERMI 1.5 GeV seeded Free Electron Laser Facility

## SYnchrotron Radiation Training Educational Programme for the Western Balkans at Elettra (SYRTEP – WB)

PhD fellowship opportunities in synchrotron radiation techniques and applications

# SYnchrotron Radiation Internship Programme for the Western Balkans at Elettra (SYRIP - WB)

Postdoctoral fellowship opportunities in synchrotron radiation techniques and applications

### SYRTEP-WB

SYRTEP's goal is to <u>strengthen the scientific capability of young scientists</u> and <u>researchers</u> from Western Balkan countries to better contribute and serve the <u>scientific</u>, technical, and economic development of their home <u>countries</u>.

SYRTEP fellowships enrich their doctoral studies by <u>giving students</u> <u>access to Elettra's international community</u> and world-class research and training facilities.

PhD students study at their home universities but have the <u>financial</u> <u>support to visit Elettra for a three- to six-month stay each year for up to</u> <u>three successive years</u>. Fellows work on their PhD theses with their advisors at their home institutes and co-advisors at Elettra. Their <u>PhD is</u> <u>awarded at their home institutes</u>.

Fellowships are <u>awarded based on the merit</u> of a <u>thesis project proposed</u> by students and their home country advisors and endorsed by the relevant <u>Research Ministry</u> of the country of the applicant. The SYRTEP fellow is assigned to a designated co-advisor at Elettra.

### SYRIP-WB

The SYRIP Programme offers young scientists from Western Balkan countries the opportunity of broadening and strengthening their experience by joining ongoing research at Elettra. The type of research experience varies from basic studies to industrial projects.

In general, research visits last from a minimum of 6 months to a maximum of 3 years.

The SYRIP-WB programme aims the to promote the development of collaborations between the European synchrotron scientific community and individuals, groups, and institutions in Western Balkan countries.

Fellowships are <u>awarded based on the merit of the curriculum vitae of the</u> <u>applicant and endorsed by the relevant Research Ministry</u> of the country of the applicant. Every SYRIP fellow is assigned to a designated research advisor at Elettra.

#### In conclusion:

Both the SYRTEP and SYRIP initiatives aim to offer <u>support to young</u> <u>scientists</u> operating in the fields of <u>materials science</u>, <u>physics</u>, <u>engineering and life sciences</u>.

Their goal is to <u>introduce and train then to synchrotron-based</u> <u>experimental techniques</u>, providing means to access to the world-class research facilities in Trieste.

SYRTEP and SYRIP will <u>offer scholarships and fellowships to PhD</u> <u>students and researchers at postdoctoral level, respectively</u>, encouraging them to master synchrotron radiation techniques by applying them to their specific research interests.

The SYRTEP and SYRIP programmes will <u>stimulate the formation and</u> <u>growth of a research community in Western Balkan countries</u>, that can actively participate in the <u>exploitation of the large-scale science</u> <u>facilities</u> being developed <u>throughout Europe</u>.

South East European International Institute for Sustainable Technologies (**SEEIIST**): realisation of a "Facility for Tumour Hadron Therapy and Biomedical Research" based on a state-of-the-art particle-accelerator design.

### Workshop SEEIIST meets Industry Wednesday, 1 April 2020 - Friday, 3 April 2020 Sarajevo City Hall

https://indico.cern.ch/e/seeiistmeetsindustry