



X-Ray Fluorescence Spectrometry

Position description

We seek an exceptional individual who will contribute to the vibrant, internationally recognized research program of X-Ray Fluorescence Spectrometry. The field of "X-Ray Fluorescence (XRF) Spectrometry" involves the development of advanced research in X-ray fluorescence spectrometry and microscopy and their interdisciplinary applications, with a particular emphasis on Cultural Heritage. Research activities include the development and application of innovative analytical, quantitative, and imaging XRF methodologies utilizing laboratory and portable instrumentation, as well as advanced micro-analysis and spectromicroscopy techniques at large research infrastructures. It also includes advanced data processing and analysis, computational methods, and machine learning, alongside multimodal characterization through the combination of XRF with complementary spectroscopic, microscopic, and imaging techniques. The selected candidate will contribute to shaping the long-term scientific strategy of the INPP XRF Laboratory, developing international collaborations, and further strengthening its scientific presence in Greece and internationally.

Level of Position: Assistant Professor or Research (C level researcher). (In exceptional cases of candidates B level (Associate) may be discussed before opening the position).