

“Nuclear Methods and Results in the Study and Preservation of Cultural Heritage at IFIN-HH Bucharest”

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Abstract:

I will discuss a number of nuclear techniques used in our institute for research and preservation of artefacts part of the cultural heritage. Essentially the activities could be classified as:

- Analyses for characterization and identification of artefacts; various methods, many installations
- Gamma-ray treatments for cure and consolidation
- Radiocarbon dating

I will introduce briefly the methods, show results obtained so far and will discuss our plans to lift these activities to a higher level as national and regional center (SE Europe) dedicated to the use of modern techniques in the research of material cultural heritage.