



# Horia Hulubei National Institute for Physics and Nuclear Engineering (IFIN-HH): Research, Education and Innovation in Romania

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IFIN-HH is the largest research institute in Romania and one of the largest in Eastern Europe. Its main mission is to contribute to expansion of human understanding of the basic laws of nature and more specifically of the atomic nucleus and of the elementary particles and interactions. Also, a significant effort is dedicated to applications of the nuclear physics for the benefit of society but also to education. During the first part of our presentation we will give an overview of the institute and will show a few recent interesting research results. Then we will focus on the newest research facility being implemented within IFIN-HH, namely the Nuclear Physics pillar of the Extreme Light Infrastructure (ELI-NP) which includes the most powerful laser system currently available worldwide.

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**11:50 am EST**