Future Plans in Europe

Large-scale facilities for future research are very much under discussion in Europe. This comes, of course, on the one hand from the discussions in the science communities and their identification of new frontiers in research; but it also reflects to a certain degree the trend to pool resources among the countries, within what has been labeled the "European Research Area".

In the field of nuclear physics, and/or its intersections with particle physics in particular, several such efforts have been underway. This applies to the studies addressing the subnuclear degrees of freedom of the strong interaction system(s), as well as to the extremes of the atomic nucleus as the prototypical many-body system of the strong force.

In this talk an attempt is made to summarize the current status, with emphasis on the facility concepts under discussion as well as on their key science goals.