

# **NUPECC Long Range Plan 2017**

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The presentation will focus on future plans of European nuclear physics. A content and importance of the recent NuPECC Long Range Plan [1] and of integrating activities of the European nuclear physics communities like ENSAR2 and STRONG 2020 will be emphasized.

The physics of the nucleus and its numerous applications in astrophysics, interdisciplinary research, medicine and industry is a dynamically developing domain of science. In particular, physics with Radioactive Ion Beams (RIB) and very high intensity stable-ion beams (SIB) is entering a new area thanks to next generation RIB and SIB facilities, already in operation or under construction in Asia, North America and Europe. The European flagship facility FAIR [2] and the new initiative of the EURISOL-Distributed Facility [3] in the context of the roadmap established by the European Strategy Forum on Research Infrastructures (ESFRI) will be shortly presented.

## **REFERENCES**

- [1] <http://www.nupecc.org/lrp2016/Documents/lrp2017.pdf>
- [2] <https://www.gsi.de/en/researchaccelerators/fair.htm>
- [3] [http://www.eurisol.org/eurisol\\_df/](http://www.eurisol.org/eurisol_df/)