**Glossary**

* SPIRAL 2 : radioactive ions accelerator at GANIL
* XFEL : 4th generation light source in Hamburg
* LINAC4, SPL : high power proton linear accelerator
* FAIR : radioactive ions accelerator in Darmstadt
* ESS : European Spallation Source in Lund
* CILEX : 10 PW laser facility in Saclay
* ThomX : compact high intensity Xray source in Orsay
* Andromede : low energy cluster accelerator in Orsay
* IFMIF/EVEDA : irradiation facility linked to the nuclear fusion program in Japan
* IPHI : RFQ facility for high power proton source in Saclay
* MAX/MYRRHA : Accelerator Driven System for nuclear reactor in Belgium
* ISEULT : very high field magnet for MRI in Saclay
* JT60SA : large field magnet for Tokamak program in Germany