



IMT Atlantique
Bretagne-Pays de la Loire
École Mines-Télécom

Joint Master in SAfe and REliable Nuclear Applications (SARENA)

Sustainable development of the humankind in the future will, among others, require access to sufficient, environmentally acceptable and affordable energy sources. The most important and complex challenges are to improve the security of energy supply, reduce greenhouse gases emission and provide low-cost energy supply to industries and citizens. Sustainable nuclear energy is an integral part of the European Strategic Energy Technology Plan (SET-Plan) fighting against climate change and securing energy supply.

The nuclear technologies today exhibit unparalleled levels of safety and reliability. This has been made possible through considerable and long-term efforts of the excellently educated and trained employees with outstanding safety culture in the industry, competent regulatory authorities, research, higher education and technical support (TSO) communities worldwide.

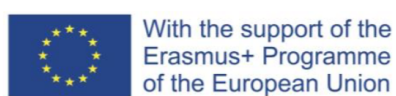
The proposed two year Master of Science in Nuclear Engineering, **SARENA - SAfe and REliable Nuclear Applications** aims to develop scientific, technical and management skills enabling engineers to work in all domains related to nuclear energy and applications with a strong international culture, thus allowing students from around the world to join the programme. It consists of an integrated and balanced programme, fully taught in English, covering a wide range of nuclear applications including nuclear power plant (NPP) design and operation and addresses the important issue of safe management of radioactive waste and installations dismantlement and decommissioning, which is a pre-requisite for sustainability.



Documents

SARENA-Flyer

Images



Univerza v Ljubljani



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