

Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



Contribution ID: 41

Type: oral

Educational Approach to Maintain a Suitable Knowledge and Expertise in Nuclear Field: Case of Morocco

Wednesday, 9 November 2016 16:00 (15 minutes)

Nuclear Knowledge Management has become an increasingly important element of the nuclear sector in recent years, resulting from a number of challenges and trends.

The development of any national nuclear energy program is dependent on the successful development of the workforce, through a sustainable nuclear educational and training program supported by government and industry.

Morocco has continuously provided educational programs in nuclear field at its universities since 1967. These academic programs focused on nuclear sciences, nuclear engineering, radiation protection, ... and were intended to undergraduate and postgraduate students.

Nuclear techniques have known also an increased contribution to medicine, agriculture, industry and research in Morocco. Some educational and training programs have been elaborated to develop human resources needed in different domains. University of IbnTofail, has launched, since september 2010, a national master's program in the field of Nuclear Sciences which aims to provide knowledge directly used in the various sectors using nuclear techniques and requiring radiation protection, nuclear safety and security including notions on nuclear knowledge management.

For an effective management of nuclear knowledge, the educational didactic has been improved increasingly. Some new techniques, materiel and styles have been employed such as demonstrations, group exercises, e-learning, visio-conferences

Country or International Organization

Morocco

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Session Classification: Technical Session 9

Track Classification: Track 1: Strategic and cross-cutting KM issues in organizations