

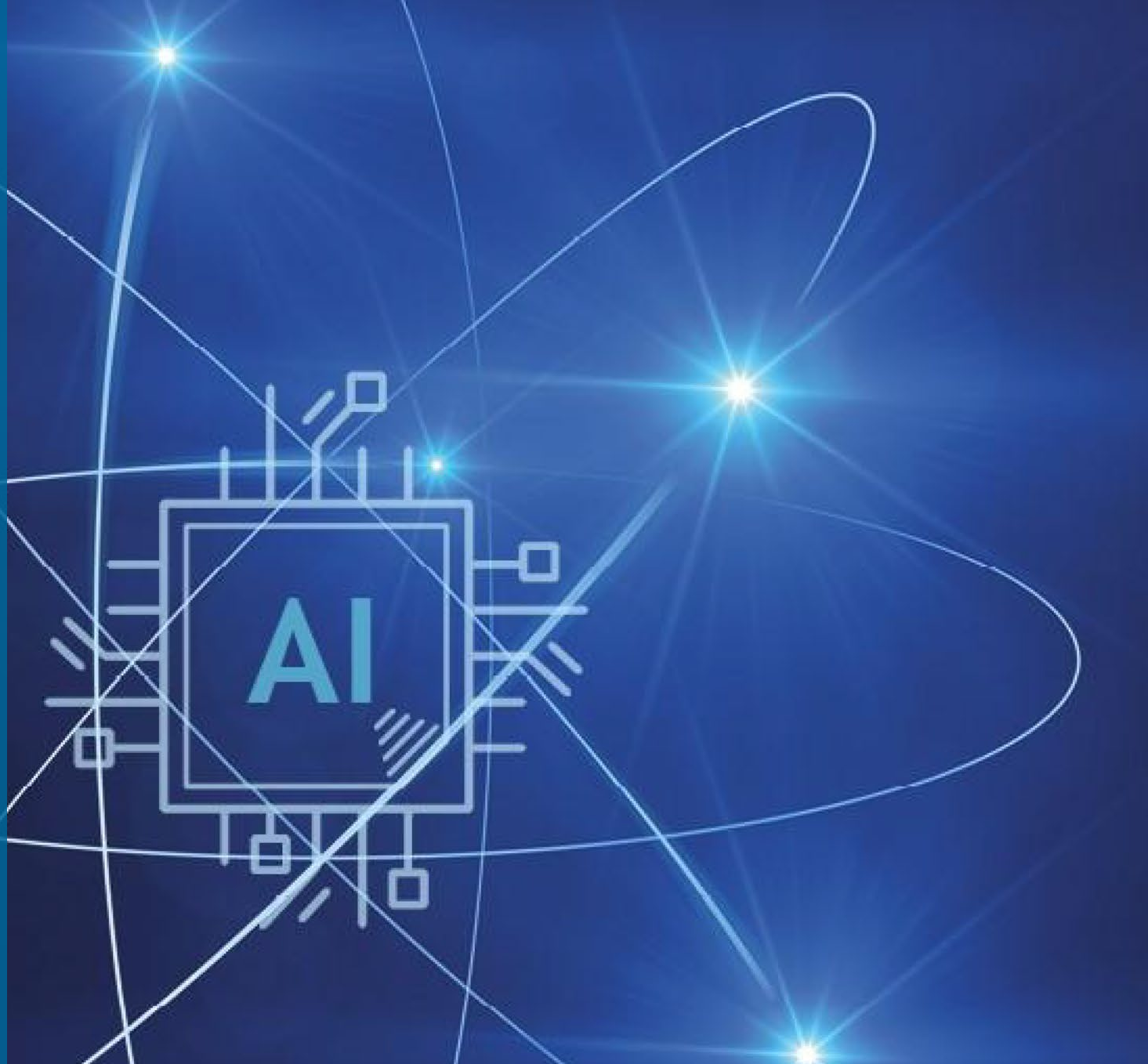
AIXpertise

Developing an AI Platform for Nuclear Research and Education

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Aixpertise Joint Project



Harnessing the transformative potential of AI – learning by doing

 Data	Adapting/developing datasets for AI applications	 Benchmarking	Building bridges between nuclear and AI domains to advance expertise	 Training	Disseminating knowledge and training nuclear experts
Precursor NEA Activities					
20+ years of experience in collecting, preserving and disseminating experimental data in different domains.		Task Force on Artificial Intelligence and Machine Learning for Scientific Computing in Nuclear Engineering		20+ years of experience training in various fields, online and in-person for professionals, researchers and university and high school students.	
Alxpertise Project Activities and Outputs					
AI-friendly internationally peer-reviewed, aggregated, and accessible datasets.		International benchmarks for assessing and training AI algorithms.		Hands-on trainings on the use of AI algorithm for nuclear research and education.	
Online platform for collaboration of nuclear and AI experts for aggregated data, benchmark specifications, software, AI models, and interactive discussions and issue boards.					

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