

International collaboration

HORIZON 2020 PROJECTS

- **EUROfusion.** Implementation of activities described in the Roadmap to Fusion during Horizon 2020 through a joint programme of the member of the EUROfusion consortium
- **ELSMOR** - Towards European Licencing of Small Modular Reactors
- **R2CA** - The Reduction of Radiological Consequences of design basis and extension Accidents
- **MUSA** - Management and Uncertainties of Severe Accidents
- **SHARE** - StakeHolder-based Analysis of REsearch for Decommissioning
- **GEMINI PLUS.** Transatlantic Working Partnership for Intrinsic Nuclear Safety
- **INCEFA PLUS.** INcreasing Safety in NPPs by Covering gaps in Environmental Fatigue Assessment
- **FASTNET.** FAST Nuclear Emergency Tools
- **IVMR.** In Vessel Melt Retention Severe Accident Strategy for existing and future
- **BRILLIANT.** Baltic Region Initiative for Long Lasting InnovAtive Nuclear Technologies



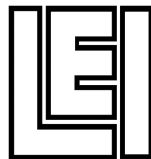
Main areas of research

-  SAFETY ASSESSMENT OF NPPS AND OTHER NUCLEAR FISSION FACILITIES
-  SAFETY ANALYSIS OF FUSION REACTORS
-  STRUCTURAL INTEGRITY ASSESSMENT OF INDUSTRIAL AND COMPLEX TECHNICAL SYSTEMS
-  RISK, HAZARD AND RELIABILITY ANALYSIS OF INDUSTRIAL FACILITIES
-  ENERGY SECURITY
-  FUNDAMENTAL RESEARCH IN THERMAL PHYSICS
-  DEVELOPMENT OF NUCLEAR COMPETENCES AT EU LEVEL



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