Advancing the safe future of Research Reactors

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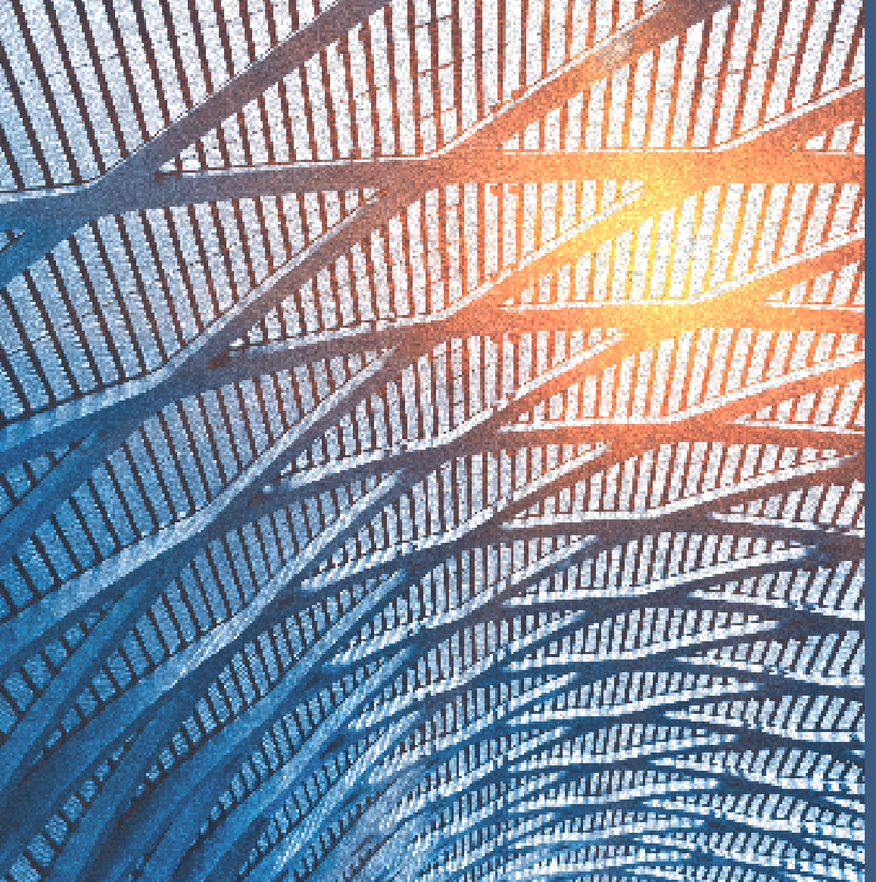
Magic-RR



OUR FOCUS

Many of Europe's **Research Reactors** (**RR**s) are over 60 years old, yet they remain vital for nuclear research, the production of medical isotopes, and advanced education in nuclear technology.

The **Magic-RR** project (2024-2028), a four-year Euratom initiative, unites 11 expert partners from across world. Together, this consortium is dedicated to addressing the challenges of ageing reactors and ensuring their continued safe operation through **innovation**, **collaboration**, and **advanced research**.

OUR OBJECTIVES

- **Understanding** material degradation and corrosion in aluminium alloys.
- **Developing** better models to predict material behaviour.
- **Testing and validation** of sub-size specimen technology for reactor surveillance.
- **Sharing** knowledge and best practices within the RR community.
- **Improving** ageing management to support their continued safe operation.