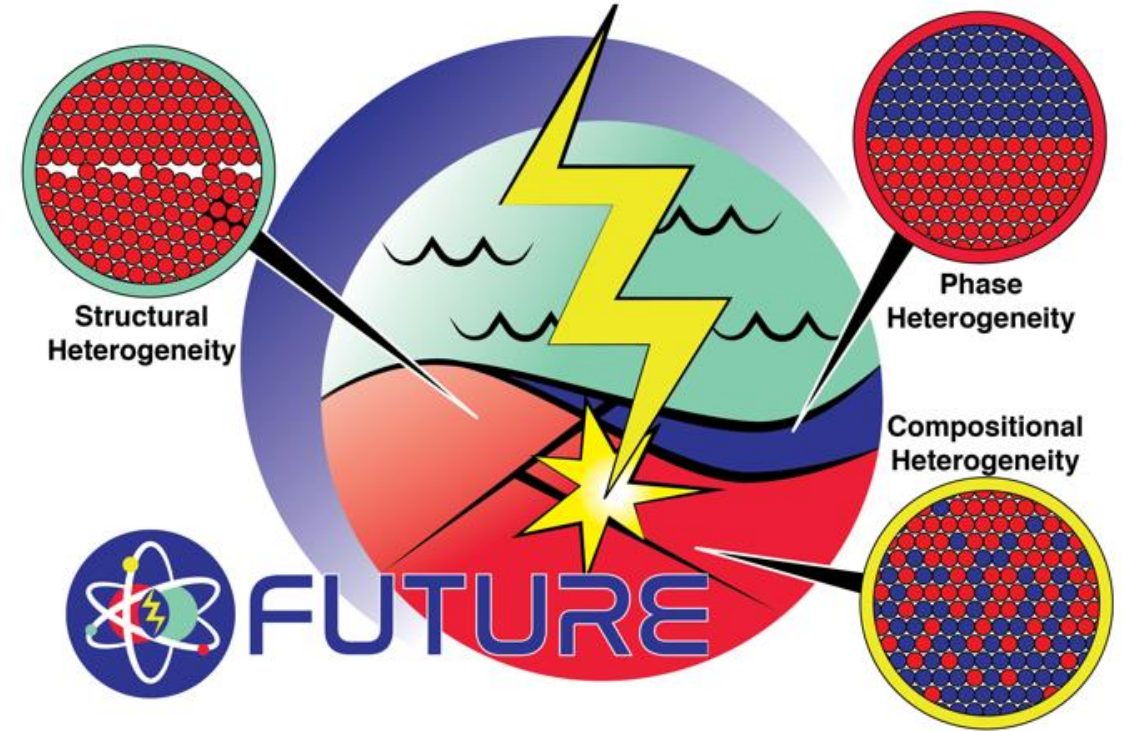


Fundamental Understanding of Transport Under Reactor Extremes (FUTURE)

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MISSION: To understand how the coupled extremes of irradiation and corrosion work in synergy to modify the evolution of materials by coupling experiments and modeling that target fundamental mechanisms.

RESEARCH PLAN: The goal of FUTURE is to reveal the fundamental factors dictating the evolution of materials under the combined extremes of irradiation and corrosion to enable a descriptive and ultimately predictive understanding of these coupled extreme environments. We target the heterogeneities in structure, phase, and composition that define real-world materials and govern their irradiation and corrosive evolution.



<https://m.lanl.gov/future>



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