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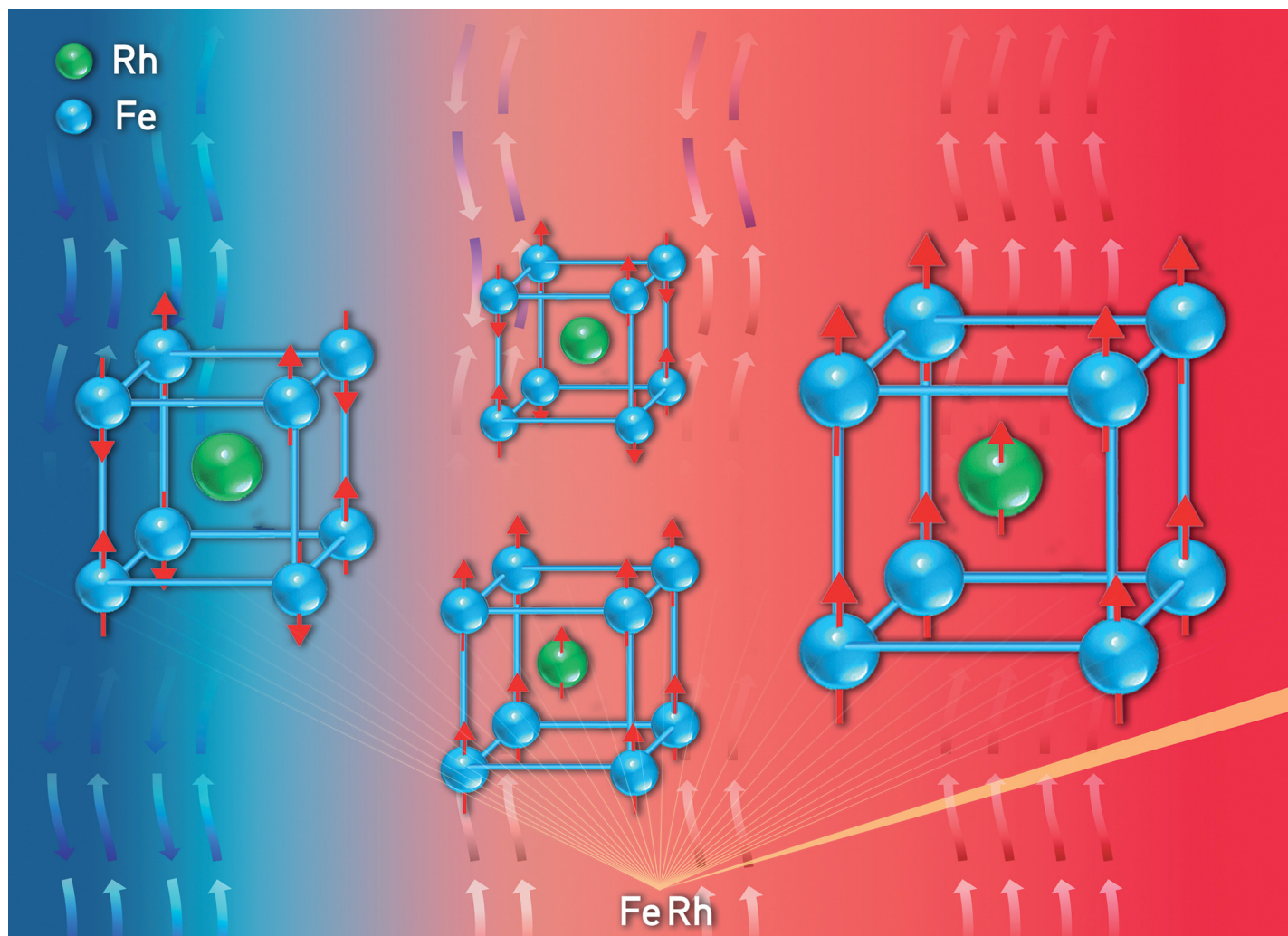
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Research from Institut Laue-Langevin, ILL (France).

Scrutinizing the sharp magnetoelastic transition and kinetic arrest in $\text{Fe}_{49}\text{Rh}_{51}$ alloy using neutron thermo-diffraction

A kinetic arrest of the antiferromagnetic state in $\text{Fe}_{49}\text{Rh}_{51}$ alloy is evidenced by neutron thermo-diffraction experiments. Antiferromagnetic and ferromagnetic states coexist at least 70 K above the sharp magnetostructural transition.

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As featured in:



See J. L. Sánchez Llamazares, Pedro Gorria *et al.*, *J. Mater. Chem. C*, 2025, **13**, 7017.