

Magnetism and Alloy Theory:

Julie Staunton (Physics and HetSys), j.b.staunton@warwick.ac.uk

- Ab initio computational modelling of electron glue of materials - magnets, alloys
- Magnetic properties, temperature and field dependence.
- Alloy phase stability, atom-atom pair interactions.



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Physics of **R**are **E**arth **T**rAnstion Metal **M**AGnets (PRETAMAG)

- EPSRC integrated theory-experimental project on permanent magnets, www.warwick.ac.uk/pretamag.
- New predictive model for intrinsic magnetic properties.

