

Focus Area 2

Developing Substitutes

Lead: Tom Lograsso, Ames

Deputy: David Parker, ORNL

Magnets with Reduced RE Content

S. McCall, LLNL, and I. Nlebedim, Ames

Additive Manufacturing of Polymer Based Bonded Magnets;
P. Paranthaman, ORNL (2.1.11)

High-performance, Critical-element-free Permanent Magnets;
V. Pecharsky, Ames (2.1.12)

Finite Element Modeling of Magnetic and Electrochemical Systems;
I. Nlebedim, Ames (2.1.13)

Reduced Rare Earth Content High Performance Magnets;
A. Palasyuk, Ames (2.1.14)

Heterogeneous Sm-Co and Nd-Fe-B Magnets; *B. Cui, Ames (2.1.15)*

High Magnetic Field Processing of Permanent Magnet Materials;
M. McGuire, ORNL (2.1.17)

Predicting Magnetic Anisotropy,
D. Paudyal, Ames (2.1.19)

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