

Focus Area 2
Developing Substitutes

Lead: Tom Lograsso, Ames
Deputy: Brian Sales, ORNL

Magnets with Reduced RE Content

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

Lighting

S. Payne, LLNL

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;
P. Canfield, Ames (2.1.14)

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

Practical Reliable Exchange Spring Magnets (PRES-M);
S. McCall, LLNL (2.1.16)

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

Ceramic Phosphors for LED Lighting;
S. Payne, LLNL (2.2.11)

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