

June 23, 2020

MagLab Summer Exploration Series  
Week 4 Links

Hey everyone! Making strong electromagnets is what the MagLab does better than nearly everyone in the world. That's why we hold seventeen [World Records](#). Here's some more content on our magnets.

Magnets this strong aren't available on Amazon. Here's an article about [Making Resistive Magnets](#) and a video on [How Research Electromagnets Work](#).

The Magnet Shop is the name of the place in the MagLab where we build our magnets. Take a virtual tour of the [Resistive Magnet Shop](#).

Then take some time to meet our magnets:

- Meet the [45 Tesla Hybrid Magnet](#)
- Meet the [100 Tesla Pulsed Magnet](#)
- Meet the [Split Helix Magnet](#)

One of the major factors that interferes in our quest for stronger magnets are the Lorentz forces. Learn more about this force by watching our [Lorentz Force See Thru Science](#), and then experiment with them in our interactive [Lorentz Force](#) tutorial.

In the early days of the MagLab's existence in Tallahassee, the staff scientists and engineers had an idea for a new type of magnet that would combine two different magnet types into one stronger magnet. It was a bit like [Crossing a Mack Truck with a Ferrari](#). Read to find out if it worked.

Any questions? Email [Carlos R. Villa](#).