

# MAGLAB MAP

BALGAM POND

## 1 NMR DEMOS

- Rare Earth Magnets
- Magnetic Field & Electricity
- World's Most Powerful MRI
- Electrospinner Game

## 2 ICR DEMOS

- Name that Tune
- Penny & Feather

## 3 PATIO

- Sea-to-See
- Chemical Reaction Painting with LeMoynes Arts
- MoLab
- Cornerstone Learning Community
- WFSU
- Rethink Energy Florida
- Tallahassee Scientific Society
- Magnolia School Circuit Circus
- SAIL High School
- The Floor is Lava
- Gemstone Mining
- Games Rock
- Tallahassee Amateur Radio Society

## 4 PARKING LOT

- Einstein's Ice Cream
- Tallahassee Astronomical Society
- Science on the Move
- St. Marks Wildlife Society

## 5 EMR DEMOS

- Red Cabbage
- Silly Putty

## 6 CHARACTERIZATION LAB AND MICROANALYSIS

- Pixels at Play
- FIB-Scanning Electron Microscope
- Materials Testing Laboratory
- Electric Train
- Smash Brothers Material Strength
- Mechanical Properties of Advanced Materials Strength
- Superconducting Wire for Fusion

## 7 APPLIED SUPERCONDUCTIVITY CENTER (ASC)

- MagLev Train
- Human Levitator
- Magnetic Treasure Hunt
- Levitation Station
- Diffusion Cloud Chamber
- Magnet Launcher Game
- Microscopy Game
- Ice Fishing Game
- Rubens Tube Dance Party
- Giant Newton's Cradle

## 8 OUTDOOR DISPLAYS (FRONT)

- CandyLab
- Sonic's Radar Running
- Magnetic Horseshoes
- Oyster Toss with FSU Coastal Marine Lab

## 9 SUPER MAGLAB WORLD

- Super Mario Kaleidoscope
- Lakitu's Lagoon
- Bananas for Donkey Kong
- Rainbow Road
- MagLab Summer Camps

## 1 NMR DEMOS

**Nuclear Magnetic Resonance**  
Using powerful magnets to see the molecular structure of biological systems to understand diseases

## 2 ICR DEMOS

**Ion Cyclotron Resonance Facility:** Precision weighing of the world's most complex chemicals with powerful magnets down to a billionth of a gram

## 3 PATIO

## 4 PARKING LOT

## 5 EMR DEMOS

**Electron Magnetic Resonance**  
Exploring the spins of unpaired electrons using high fields and frequencies to understand quantum behavior and biological processes.

## 6 CHARACTERIZATION LAB & MICROANALYSIS

Unique test equipment and methods are used by scientists to evaluate the performance of materials in extreme environments.

## 7 ASC DEMOS

**Applied Superconductivity Center**  
Advances the science, technology and applications of superconductivity - the perfect flow of electrons without any resistance or heat.

## 12 CRYOGENICS LAB

Studying the coldest temperatures on Earth, how to produce and use them, and how materials behave in them.

## 11 TWITCH SCIENCE GAMES

## 13 MACHINE SHOP

Home to state-of-the-art machinery used to create complex and custom items for the lab.

## 10 ATRIUM DISPLAYS

## 8 OUTDOOR DISPLAYS (FRONT)

## 19 45-T HYBRID MAGNET

Provides researchers the strongest continuous magnetic field on the planet.

## 18 MAGNET CELLS

Each cell houses a world-unique magnet & instrumentation that scientists come from around the world to use for their discoveries.

## 20 OUTDOOR DISPLAYS

## 13 MACHINE SHOP

Home to state-of-the-art machinery used to create complex and custom items for the lab.

## 17 CONTROL ROOM

It takes special systems to maintain the world's strongest magnets. Here, they monitor the lab's magnets, water, power, and cooling systems 24 hours a day.

## 16 DC CORRIDOR

## 15 THE MAGNET FACTORY

Where the world's most powerful magnets are created.

## 14 SUPERCONDUCTING SPOT



## FOOD TRUCKS

- Street Chefs
- Mom & Dad's Italian
- Mr. JB's BBQ
- Sandy's Sandwiches
- Fired Up Pizza
- Kettle Korn Poppery
- Smackin' Good Wings
- Kona Ice

## MAP KEY

- First Aid
- Restrooms
- Change Station
- You Are Here Map
- Magnet
- Exits (Note: Some exits are emergency use only)
- Fan Favorite Demos
- Game Themed Demos

## 10 ATRIUM DISPLAYS

- Super(Con)nect Four
- Cranium Brain Games
- MRI Operation Game
- National Science Foundation: Little Scientists, Big Dreams
- MagLab Merch

## 11 TWITCH SCIENCE GAMES

Watch scientists play classic video games live on Twitch and ask them your questions.

## 12 CRYOGENICS LAB

- Mario Kart Rocket Cars
- Keepy Uppy Cryo Balloons

## 13 MACHINE SHOP

## 14 SUPERCONDUCTING SPOT

- Thermoelectrics
- Game Theory Games
- 32 T All-Superconducting Magnet

## 15 THE MAGNET FACTORY

- Coil Carnival Game
- Resistive Magnet Making
- Coil Winding
- Making World Record Magnets

## 16 DC CORRIDOR

- Smoke Rings

## 17 CONTROL ROOM & SIMULATOR

## 18 MAGNET CELLS

- Cell 2: Magnet Ring Toss
- Cell 4: Superconductor vs. Time
- Cell 6: The Spin Game & Other Physics Fun
- Cell 8: Heads or Tails: Quarter Shrinker
- Cell 10: Challenger Learning Center
- Cell 7: Sand Pendulum
- Cell 9: Dancing Droplets & Chocolate Printing
- Cell 11: Fair Data Games
- Cell 15: Magic of Moiré

## 19 45-TESLA HYBRID: WORLD'S STRONGEST MAGNET

**MagLab Game Network:** Take the stage and try your hand at these game shows with a science twist.

Schedule:	
10:30 - Jeopardy	12:45 - Jeopardy
11:15 - Pictionary	1:30 - Two Truths & a Lie
12 Noon - Match Game	2:15 - Jeopardy

## 20 OUTDOOR DISPLAYS

- Junkyard Magnet
- Hot Potato Launcher
- Cryo Flowers
- The Life of Bears with FWC
- Tall Timbers
- Gulf Specimen Marine Lab Touch Tanks
- Southeast Archeological Center Historic Games
- Magnet-Propelled Cars

EAST PAUL DIRAC DRIVE

LEVY AVENUE

MORE SCIENCE THIS WAY AT COAPS, AME, FCRR & HPMI

POTTSDAMER ST

SHAW BLDG.

DC FIELD BLDG.

B101

C-WING ENTRANCE

MAIN ENTRANCE