

NHMFL REPORTS

C O N T E N T S

- 3**
From the Director's Desk
- 5**
From the Chief Scientist's Desk: How to Use a Miniature Capacitance Dilatometer to Measure Magnetostriction in High Magnetic Fields
- 8**
Attention Users
Your Committee Convenes, Reviews & Recommends
- 10**
NHMFL Completes New Record Magnet
- 12**
Attention Users
The de Haas-van Alphen Effect:
Old Dog, New Tricks
- 14**
1.3 GHz High Resolution NMR:
Potential & Prospects
- 17**
Korea Basic Science Institute Partners with NHMFL to Advance Technology
- 18**
Magnet Lab Celebrates World Year of Physics 2005 with 11th Annual Open House and "Focus on Physics"
- 20**
North Florida Company Develops Airplane Navigation Equipment with Help from Magnet Lab
- 21**
People in the News
- 22**
Grants
- 23**
Ira Flatow Tours Magnet Lab
- 23**
Relay For Life 2005
- 24**
Conferences & Workshops

Published by:
National High Magnetic Field Laboratory
1800 East Paul Dirac Drive
Tallahassee, Florida 32310-3706
Tel: 850 644-0311
Fax: 850 644-8350

Director: Greg Boebinger
Editing and Writing: Kathy Hedick & Ceci Bell
Art Direction and Production: Walter Thorner

www.magnet.fsu.edu

This document is available in alternate formats upon request. Contact Ceci Bell for assistance. If you would like to be added to our mailing list please write us at the address shown at left, call 850 644-1933, or e-mail bell@magnet.fsu.edu.