

Publications

1. Mössbauer Study of the Half-Metallic Ferromagnet $\text{Fe}_{1-x}\text{Co}_x\text{Si}$, Patrick Mono and Amer S. Lahamer. *Ky. Acad. Sci.* 69(2): 170-177. 2008.
2. Search for Parity-violating Energy Difference Between a *d*- and *l*-iron complex, A. S. Lahamer, S.B. McClure, S. M. Mahurin, and R. N. Compton. *Ky. Acad. Sci.* 65(1): 5-11. 2004.
3. "Evidence for a solid phase of dodecahedral C_{20} "; Z. Iqbal, Y. Zhang, H. Grebel, S. Vijayalakshmi, A. Lahamer, et. al.; *The European Physical Journal B*, 31, 509 – 515, 2003.
4. Search for Parity-violating Energy Difference Between Enantiomers of $\text{Fe}(\text{phen}_3)^{+2}$, A. S. Lahamer, S. M. Mahurin, R. N. Compton, D. House, J.K. Laerdahl, M. Lein, and P. Schwerdtfeger. *Phys. Rev. Lett.* 85 (2000), 4470-4473.
5. Investigation of the Fragmentation and Oxygen Reactivity of Endohedral Metallofullerenes M@C_{60} ; Robert Hettich, Amer Lahamer, Ling Zhou, and Robert Compton; *International Journal of Mass Spectroscopy and Ion Processes* 182/183 (1999) 335-348.
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7. Fullerenes Negative Ions; R. N. Compton, A. S. Lahamer, A. A. Tuinman, and L. Zhou; *The Proceedings of The 193rd Meeting of The Electrochemical Society, Inc.*, May 3-8, 1998; San CA.
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10. Mössbauer Study of single crystal Biotite and Phlogopite; Amer S. Lahamer and Chris J. Langley; Physics Department, Berea College, Berea, Ky; *Trans. Kentucky Academy of Science*, 56(3-4), 1995, 117-127.

11. Mössbauer Studies of ^{57}Co -Doped Layered Pervoskites; S. Jha, D. Suyanto, S. Yehia, Glenn M. Julian, R.A. Dunlap, Amer lahamer, S-W. Cheong, Z. Fisk, and J.D. Thompson; *Hyperfine Interactions*, 55 (1990), 1323-1326.
12. Hyperfine Magnetic Field on ^{111}Cd in Heusler Alloys Co_2MnZ ($Z = \text{Si, Ge, Ga, and Sn}$); S. Jha, S. Yehia, C. Mitros, A. Lahamer, G. Julian, and R. A. Dunlap; *Hyperfine Interactions*, 51 (1989), 987-992.
13. Anti-ferromagnetism in ^{57}Co -Doped $\text{La}_2\text{CuO}_{4-y}$ studied by Mössbauer Spectroscopy; S. Jha, C. Mitros, S. Yehia, A. Lahamer, G. Julian, and R. A. Dunlap; *Hyperfine Interactions*, 50 (1989), 607-612.
14. ^{57}Fe and ^{119}Sn Mössbauer study of La_2CuO_4 , $\text{YBa}_2\text{Cu}_3\text{O}_x$ and $\text{SmBa}_2\text{Cu}_3\text{O}_x$; S. Jha, C. Mitros, S. Yehia, A. Lahamer, G. Julian, and R. Dunlap; *Physica C* 153-155 (1988), 1555-1556.
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