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Presentations:

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I. Eric Wright, S. Shojah-Ardalan, Brad Gersey, S. K. Aghara and Richard Wilkins, Development of Instrumentation for Neutron Time-of-Flight Measurements, The Texas A&M University System 2nd Annual TAMUS Pathways Student Research Symposium, October 2004.

1. B. Gersey**, R. Wilkins*, H. Huff**, R.C. Dwivedi**, B. Takala, J. O'Donnell, S. A. Wender, Robert C. Singleterry, Jr., "Correlation of Neutron Dosimetry Using a Silicon Equivalent Proportional Counter Microdosimeter and SRAM SEU Cross Sections for Eight Energy Spectra", presented at the 2003 Nuclear and Space Radiation Effects Conference, Monterey, CA, July 2003.
2. S. Shojah-Ardalan*, R. Wilkins*, H. Machado, B. Syed, S. McClure, B. Rax, L. Scheick, M. Wedeman, C. Yui, M. Reed^ and Z. Ahmed^. "Susceptibility of 'Ultracapacitors' to Proton and Gamma Irradiation". Poster presentation at the 2003 Nuclear and Space Radiation Effects Conference Data Workshop, Monterey, CA, July 2003.
3. X. Hu, B. K. Choi, H. J. Barnaby, D. M. Fleetwood, R. D. Schrimpf, S. C. Lee, S. Shojah-Ardalan*, R. Wilkins*, U. K. Mishra and R. Dettmer. "The Energy Dependence of Proton-Induced Degradation in AlGaIn/GaN High Electron Mobility Transistors", December 2003.
4. B. Gersey**, R. Wilkins*, H. Huff**, R. Dwivedi**, D. Woods^ and R. Singleterry, Jr., "Neutron Dosimetry Using Tissue Equivalent and Silicon Equivalent Proportional Counters for Eight High-Energy Neutron Spectra", 14th Space Radiation Health Investigator's Workshop, April, 2003, League City, Texas.
5. V. Calvin^, C. Polk^, J. Zhou*, R. Wilkins*, and Y. Shong, "Initial study of effects of space radiation on LTM45 composite material", 48th International Society for the Advancement of Material and Process Engineering (SAMPE) Symposium and Exhibition, Long Beach, CA, May, 2003.
6. V. Calvin^, C. Polk^, R. Wilkins*, B. Gersey**, Y. Zhong^, K. Kirby*, and J. Zhou*, "Study on regolith material for structural and space radiation shielding applications", 34th International SAMPE Technical Conference, Baltimore, MD, November, 2002.
7. K. Kirby*, "Establishing and Managing Multi-Disciplinary Research and Engineering at Small Universities", 2003 American Society for Engineering Education Annual Conference & Exposition, Nashville, TN, June 2003.
8. K. Kirby*, "Innovations in Pre-College Outreach: Scouts Explorer Posts", 2003 American Society for Engineering Education Annual Conference & Exposition, Nashville, TN, June 2003.
9. K. Kirby*, "Enhancing Teacher and Student Performance in Mathematics", 2003 American Society for Engineering Education Annual Conference & Exposition, Nashville, TN, June 2003.
10. K. Kirby*, "SMET Enhancement Program (Science, Mathematics, Engineering and Technology Enhancement Program)", 2003 American Society for Engineering Education Annual Conference & Exposition, Nashville, TN, June 2003.
11. K. Kirby*, "Mathematics Reform for SMET Gate-Keeper Courses," 12th Annual EQM/MSE Network Conference, "Together We Can Make It Work", Washington, D.C., February, 2003
12. R. Wilkins*, "Radiation Effects Studies at LANSCE on Materials and Devices for Space Application", 2nd LANSCE Workshop on Defense Basic and Applied Science, Los Alamos, NM, January 14, 2003. (Invited Talk)
13. M. Pulikkathara^, J. Vera, M. Sofner, R. Wilkins*, E. V. Barrera, J. Read and T. S. Reese, "Proton and Neutron Irradiation Effects on Electrical Resistivity of Single Wall Carbon Nanotubes", Poster presentation by Merlyn Pulikkathara at Rice University, August 2002.
14. K. K. Allums, B. P. Gila, B. Luo, R. Mehandru, R. Dwivedi**, T. N. Fogarty*, R. Wilkins*, F. Ren, C. R. Abernathy, S. J. Pearton, "Stability of GaN MOS Diodes", presented at the Fall 2001 Materials Research Society Conference, Boston, MA, November 2001. (K. K. Allums, former CARR undergraduate student).
15. M. Pulikkathara^, R. Wilkins*, J. Vera, L. K. Fotedar, E. V. Barrera, T. S. Reese, H. Huff**, R. C. Singleterry, Jr., B. Syed, "Radiation Effects Risk Analysis and Mitigation of Carbon Nanomaterials and Nanocomposites", presented by Merlyn Pulikkathara at the Radiation Protection and Shielding Division

- Topical Proceeding of the American Nuclear Society Conference, Santa Fe, NM, April 2002.
16. M. Pulikkathara[^], J. Vera, M. Shofner, R. Wilkins*, E. V. Barrera, "Energy Dependence of Proton Irradiation Effects on the Electrical Resistivity of Carbon Nanotubes", presented by Merlyn Pulikkathara, NanoSpace 2002, Galveston, TX, June 2002.
 17. M. Pulikkathara[^], J. Vera, M. Sofner, R. Wilkins*, E. V. Barrera, J. Read and T. S. Reese, "Proton and Neutron Irradiation Effects on Electrical Resistivity of Single Wall Carbon Nanotubes", presented by Merlyn Pulikkathara at the Nanotube 2002 Conference, Boston, MA, June 2002.
 18. T. Tolpa**, R. Wilkins*, M. Pulikkathara[^], "The Center for Applied Radiation Research, Capabilities of Prairie View A&M University in Radiation Research, Experimentation and Modeling", presented at the Houston Nano-Vivo Summit, Houston, TX, August 2002.
 19. M. X. Pulikkathara[^], R. Wilkins*, Meisha Shofner, Jerry Vera, Enrique V. Barrera, Fernando Rodriguez-Macias, R. Vaidyanathan, C. Gree, C. Condon, "Fluorinated Single Wall Nanotube/Polyethylene Composites for Multifunctional Radiation Protection", presented at the 2002 Fall Materials Research Society Meeting, Boston, MA, December 2002.
 20. R. Wilkins*, et.al., "Radiation Effects Risk Analysis and mitigation of Carbon Nanomaterials" , presented at the NanoSpace 2001, Galveston, TX, March 2001.
 21. Richard Wilkins*, "Alteration in Dose and Lineal Energy Spectra under Different Shielding in the Los Alamos High-Energy Field", presented at the International Workshop on Secondary Particle Production from Heavy Ion Interactions, Berkley, CA, March 2001. (Invited talk).
 22. M. Pulikkathara[^], S. Lin*, R. Wilkins*, H. Huff**, "Utilization of Self-Propagation High Temperature Synthesis for Developing Radiation Shield Materials for Aerospace Applications", American Institute of Chemical Engineering, Spring 2001 Conference, Houston, TX, March 27, 2001.
 23. P. M. Lenahan, T. D. Mishima, J. D. Jumper, T. N. Fogarty*, M. Marrero**, L. Cruz[^], S. Shojah-Ardalah*, R. Dwivedi**, R. Wilkins*, L. P. Trombetta, C. Singh, "Defects Produced by Medium Energy Proton Bombardment of MOS Devices", presented by Dr. Wilkins at RADECS Conference, Grenoble, France, September 2001.
 24. R. Wilkins*, "The Challenge of Radiation on the Human and Robotic Exploration of the Solar System and Beyond", a graduate Engineering Seminar, PVAMU, presented by Dr. Wilkins on September 17, 2001.
 25. R. Wilkins* presented an overview of CARR research and capabilities to Raytheon (University Relations and Missile Systems Groups), October 2001.
 26. R. Wilkins*, Poster Presentation, Texas Space Grant Consortium, Lunar and Planetary Institute, Houston, TX, May 17-18, 2001.
 27. R. Wilkins* presented an overview of CARR research and capabilities to representatives of Lockheed Martin Corp. visiting the PVAMU Roy G. Perry College of Engineering, December 2001.
 28. R. Wilkins*, et al, "Neutron Radiation Testing and Mitigation Studies of Commercial SRAM", LANSCE User Group Meeting, Sante Fe, NM, January 25, 2000. (Invited talk)
 29. R. Wilkins* et. al. "Proton and Gamma Irradiation of InP-Based Resonant Tunneling Diodes", NASA/JPL Conference on Electronics for Extreme Environments, Pasadena, CA, February 9-11, 1999. (Research partially funded by Air Force Office of Scientific Research)
 30. Sy-Chyi Lin*, "Combustion Synthesis of Hydrogen Storage Materials", Daido Steel Co. Ltd., Nagoya, Japan, March 2000. (Research funded by Coating World International, Taiwan)
 31. Henry Lee III[^], R. Wilkins*, H. Huff**, J. Strickland[^], K. Kloesel, R. Lawton and T. N. Fogarty*, "Preliminary Flight Test Results of Radiation Effects on Commercial Static Random Access Memory", NASA University Research Conference 2000, Nashville, TN, April 7-10, 2000.
 32. Luis Jose Cruz-Rivera[^], R. Wilkins* and T. N. Fogarty*, "Model Surface Studies of Nickel Metal Hydride Battery", NASA University Research Conference 2000, Nashville, TN, April 7-10, 2000. (Research funded by Materials Research Society)
 33. J. Moore[^], H. Huff**, R. Dwivedi**, J. Zhou*, R. Wilkins* and T. N. Fogarty*, "Neutron and Proton Damage on Shielding Materials for Space Exploration", NASA University Research Conference 2000, Nashville, TN, April 7-10, 2000.
 34. Ramon Sellers[^], Vapsi Tohala[^], Sihead Shotizae, S. Shojah-Ardalan* and R. Wilkins*, "Development of a Radiation Test Facility for Space Astronomy Infrared Detectors and Initial Experimental Results", NASA University Research Conference 2000, Nashville, TN, April 7-10, 2000. (Research partially funded by NASA/Ames)
 35. Andre Craft[^], Luis Cruz[^], Brandee Rogers[^], LaShonta Williams[^], Roblyn Houston, Nicole Davis, M. R. Marrero-Cruz**, R. Dwivedi**, R. Wilkins* and T. N. Fogarty*, "Radiation-Hard Component Testing for NASA Mars Expeditions", NASA University Research Conference 2000, Nashville, TN, April 7-10, 2000.
 36. Ernest Barton[^], R. Wilkins*, K. Kirby*, "Preliminary Flight Test Results of Radiation Effects on Commercial Static Random Access Memory". Presented at the Undergraduate Research Conference, Tuskegee University, Montgomery, AL, October 20-22, 2000.
 37. M. J. Wesley[^], K. Kirby*, "Error Detection and Correction". Presented at the Undergraduate Research Conference, Tuskegee University, Montgomery, AL, October 20-22, 2000.
 38. Sy-Chyi Lin* and R. Wilkins* "High-Pressure Combustion Synthesis of Cd-In-Ga-O Powder for Novel Substrate Used for Gallium Nitride Based Thin-Film Growth", 101st Annual Meeting of American Ceramic Society, Indianapolis, IN, April 1999.
 39. Sy-Chyi Lin*, R. Wilkins* and Zachery Henry, "High-Pressure Self-Propagating High-Temperature Synthesis (SHS) of Silicon Carbide-Silicon Nitride Composites", 101st Annual Meeting of American Ceramic Society, Indianapolis, IN, April 1999. (Research partially funded by Bell Helicopter Textron, Inc.)
 40. Jiaren Zhou*, "Short-term Aging Effects on Thermal and Mechanical Properties of IM7/5250-4 Composites", 44th International SAMPE Symposium & Exhibition, Long Beach, CA, May 23-27, 1999. (Research partially funded by Air Force Office of Scientific Research).
 41. R. Wilkins*, "Radiation Capabilities at CARR", Department of Industrial Engineering, Texas A&M University, College Station, TX, June 1999. (Invited talk)
 42. Richard Wilkins*, "Radiation Effects on Quantum Devices", Air Force Research Laboratory, Kirkland Air Force

- Base, New Mexico, July 1999. (Invited talk).
43. Sy-Chyi Lin*, R. Wilkins* and Zachery Henry, "Self-Propagating High- Temperature Synthesis (SHS) of Silicon Carbide-Silicon Nitride Micro-Composites", 5th International Symposium Self-propagating High-temperature Synthesis (SHS-99), Moscow, Russia, August 1999. (Research partially funded by Bell Helicopter Textron Inc.)
 44. Sy-Chyi Lin* and R. Wilkins*, "Synthesis of Lattice Matched Cd-In-Ga Oxides for GaN Thin Film Growth", 5th International Symposium Self-Propagating High-Temperature Synthesis (SHS-99), Moscow, Russia, August 1999.
 45. K. Washington[^], F. Brown[^], T. N. Fogarty*, H. McWhinney*, and F. C. Wang*, "Evaluation of Ba.65Sr.65TiO3 MIS Structure for Semiconductor Memory Application", 1998 NASA University Research Centers Technical Conference, Huntsville, AL, February 1998.
 46. R. Wilkins*, Kirk Powell[^], Kieron R. Loregnard[^], and Sy-Chyi Lin*, "Analysis of Phase Separation in Czochralski Grown Single Crystal Ilmenite", 1998 NASA University Research Centers Technical Conference, Huntsville, AL, February 1998.
 47. R. Wilkins*, S. Shojah-Ardalan*, and E. Jackson[^], "Radiation Effects on Resonant Tunneling Diodes: Preliminary Results", 1998 NASA University Research Centers - Technical Conference, Huntsville, AL, February 1998. (Research partially funded by Air Force Office of Scientific Research).
 48. X. Yu, J. O. Attia*, and T. N. Fogarty*, "Effects of Total Dose Radiation on Actel FPGA", 1998 NASA University Research Centers Technical Conference, Huntsville, AL, February 1998.
 49. H. Huff**, Z. You[^], D. Williams[^], T. Nichols[^], J. O. Attia*, and T. N. Fogarty*, "Verification and Quantification of Single Event Effects on High Speed SRAM in Terrestrial Environments", 1998 NASA University Research Centers Technical Conference, Huntsville, AL, February, 1998.
 50. G. R. Newton*, R. C. Burghardt, and M. Walker, "Biomarkers for Radiation-Induced Cellular Damage", 1998 NASA University Research Centers Technical Conference, Huntsville, AL, February, 1998.
 51. R. Wilkins*, "Radiation Effects on Electronic Materials and Devices at High Atmospheric and Low Earth Orbital Altitudes", NASA Dryden, February 1998. (Research funded by NASA/Dryden)
 52. R. Wilkins*, "Radiation Effects on Electronic Materials and Devices at High Atmospheric and Low Earth Orbital Altitudes", Pennsylvania State University at Erie, PA, March 1998. (Invited talk)
 53. Sy-Chyi Lin*, "Self-propagating High-temperature Synthesis (SHS) of Advanced Materials", Mobil Technology Co., Dallas, TX, March 1998.
 54. Z. You, D. Parker, R. C. Rogers, T. N. Fogarty*, J. Attia*, R. Wilkins*, and K. Kirby*, "Multiple Hit Model for SEU Characterization", Eleventh Biannual Single-Event-Effects Symposium, Manhattan Beach, CA, April 21-23, 1998.
 55. Sy-Chyi Lin*, R. Wilkins*, M. Nersesyan, and Dan Luss, "Combustion Synthesis of Cd-In-Ga-O Powder for Novel Thin Film Growth Substrate", 100th Annual Meeting of American Ceramic Society, Cincinnati, OH, May 1998.
 56. R. Wilkins*, S. Shojah-Ardalan*, and T. N. Fogarty*, "Application of Radiation Sources to Simulate the Radiation Environment in Low Earth Orbit: Results on Optoelectronic Devices from the International Space Station", Symposium on Radiation Measurements and Applications, University of Michigan, Ann Arbor, Michigan, May 12-14, 1998.
 57. Jiaren Zhou*, "Durability of Glass Fiber/Vinyl Ester Composites", 19th Southeastern Conference on Theoretical and Applied Mechanics (SECTAMXIX), Deerfield Beach, FL, May 3-5, 1998. (Research partially funded by Air Force Office of Scientific Research)
 58. S. Woldesenbet, F. Lamar, L.C. Nuti, S. R. Glasser and G. R. Newton*, "Comparison of Proteins Synthesized by Polarized Caprine Oviductal Epithelial Cells and Oviductal Explants in Vitro", Meeting of the Society for Study of Reproduction, Texas A&M University, College Station, TX, August 8-11, 1998.
 59. W.P. Kirk, G.F. Spencer, R. T. Bate, R. Wilkins*, S. Shojah-Ardalan*, T. N. Fogarty*, A.C. Seabaugh, R. Lake, P. Stelmaszyk, and A. D. Weirk, "Studies of Radiation Effects in Quantum Devices", NanoSpace '98 Conference, League City, TX, November 1998. (Research partially funded by Air Force Office of Scientific Research)
 60. Sy-Chyi Lin*, R. Wilkins*, M. Nersesyan and Dan Luss, "Synthesis of Lattice Matched Cd-In-Ga Oxides for GaN Thin Film Growth Substrate", Annual Meeting of American Institute of Chemical Engineers (AIChE), Miami Beach, FL, November 1998.
 61. Sy-Chyi Lin*, R. Wilkins* and Zachery Henry, "Self-Propagating High-Temperature Synthesis (SHS) of Silicon Carbide/Silicon Nitride Composites", Annual Meeting of American Institute of Chemical Engineers (AIChE), Miami Beach, FL, November 1998. (Research partially funded by Bell Helicopter Textron, Inc.)
 62. J. Gabitto* and Sy-Chyi Lin* "Simulation of Plasma-Enhanced Chemical Vapor Deposition of Si Thin Films", Annual Meeting of American Institute of Chemical Engineers (AIChE), Miami Beach, FL, November 1998.
 63. Sy-Chyi Lin*, R. Wilkins* and Zachery Henry, "Self-Propagating High-Temperature Synthesis (SHS) of Silicon Carbide-Silicon Nitride Composites", Fall Meeting of Materials Research Society, Boston, MA, December 1998. (Research partially funded by Bell Helicopter Textron, Inc.)
 64. Sy-Chyi Lin* and R. Wilkins*, "Self-Propagating High-Temperature Synthesis (SHS) of Cd-In-Ga Oxide for Novel Thin Film Growth Substrate", Fall Meeting of Materials Research Society, Boston, MA, December 1998.
 65. J. K. Powell[^], F. Limar, S. R. Glasser, R. C. Burghardt and G. R. Newton*, "Expression of Carbohydrate Antigens in the Early Pregnancy Goat Uterus and Steroid Treated Polarized Uterine Epithelial Cell Cultures", Annual Meeting of the Society for the Study of Reproduction, Portland, OR, 1997.
 66. T. L. Ott, G. R. Newton*, J. G. Flemming, M. M. Joyce, D. W. Weise, S. Woldesenbet and F. W. Bazer, "Constitutive and Interferon Tau-Induced Expression of Immunoreactive Mx Protein In Vitro", Annual Meeting of the Society for the Study of Reproduction, Portland, OR, 1997.
 67. Sy-Chyi Lin*, "Self-Propagating High-Temperature Synthesis (SHS) of Advanced Ceramics", Chemical Engineering Department, Florida Institute of Technology, Melbourne, FL, February 1997.
 68. J. Alexander[^] and J. O. Attia*, "Performance of Logic Gates Under Radiation and Post-Radiation Environments", 1997 NASA University Research Center Technical Conference, Albuquerque, NM, February 16-19, 1997.

69. J. O. Attia*, "Latch up in CMOS-Concerning Radiation Tolerance Requirements in Future Generation Commercial Integrated Circuit Technology and Space Avionics", Tutorial 2 of NASA URC Technical Conference, Albuquerque, NM, February 16, 1997.
70. T. Wang, Sy-Chyi Lin* and J. Gabitto*, "Mathematical Model of a Self-Propagating High-Temperature Synthesis Process", PVAMU Engineering & Architecture '97 Symposium, PVAMU, Prairie View, TX, February 1997.
71. J. Gabitto* and Sy-Chyi Lin*, "Simulation of Plasma-Enhanced Chemical Vapor Deposition of Si Thin Film", PVAMU Engineering & Architecture '97 Symposium, PVAMU, Prairie View, TX, February 1997.
72. J. Gabitto* and Sy-Chyi Lin*, "A Computer Model of a Laser Induced Photo CVD Reactor", PVAMU Engineering & Architecture '97 Symposium, PVAMU, Prairie View, TX, February 1997.
73. J. Gabitto* and Sy-Chyi Lin*, "Influence of Temperature on Photo Induced CVD Reaction", PVAMU Engineering & Architecture '97 Symposium, PVAMU, Prairie View, TX, February 1997.
74. H. Huff**, "Energy Conservation and Monitoring Measures and Methods", PVAMU Engineering & Architecture '97 Symposium, PVAMU, Prairie View, TX, February 1997.
75. Tian Shen Tang and John S. Linder, "Single Event Upset Immune CMOS SRAM by Circuit Design", 1997 NASA University Research Center Technical Conference, Albuquerque, NM February 16-19, 1997.
76. R. Wilkins* and Kirk Powell^, "Characterizing Surfaces of the Wide Bandgap Semiconductor Ilmenite with Scanning Probe Microscopies", 1997 NASA University Research Center Technical Conference, Albuquerque, NM, February 16-19, 1997.
77. S. Binzaid^, J. O. Attia*, and T. N. Fogarty*, "VLSI Design of 4K Switched Capacitor SRAM", 6th NASA Symposium on VLSI Design, Albuquerque, NM, March 5-6, 1997.
78. Sy-Chyi Lin*, "Self-Propagating High-Temperature Synthesis (SHS) of Advanced Ceramics", Bell Helicopter Textron Inc., Fort Worth, TX, April 1997.
79. Sy-Chyi Lin*, J. Gabitto* and Dan Luss, "Self-Propagating High-Temperature Synthesis (SHS) of Cd-In-Ga-O Powder of Novel Substrate for Gallium Nitride Based Thin Film Growth", 99th Annual Meeting of American Ceramic Society, Cincinnati, OH, May 1997.
80. Sy-Chyi Lin*, "Self-Propagating High-Temperature Synthesis (SHS) of Advanced Ceramics", Merck Research Laboratories, West Point, PA, October 1997.
81. Sy-Chyi Lin*, R. Wilkins*, J. Gabitto*, and Dan Luss, "Synthesis of Cd-In-Ga-O Powder by SHS for Novel Substrate Applications", Annual Meeting of American Institute of Chemical Engineers (AIChE), Los Angeles, November 1997.
82. Sy-Chyi Lin* and J. Gabitto*, "Mathematical Modeling of SHS Processes", Annual Meeting of American Institute of Chemical Engineering (AIChE), Los Angeles, November 1997.
83. Sy-Chyi Lin* and J. Gabitto*, "Modeling of a Photo-CVD Reactor", Annual Meeting of American Institute of Chemical Engineers (AIChE), Los Angeles, November 1997.
84. Jianren Zhou*, "Effects of Mo Ion Implantation on Rolling Contact Fatigue Behavior of Carbon Steel", Energy Week Conference & Exhibition 1996, Houston, TX, January 29-February 2, 1996.
85. Jianren Zhou* "Effects of Ion Implantation on Friction Metals", PVAMU E&A '96 Symposium, PVAMU, Prairie View, TX, February 1996.
86. Jianren Zhou*, "Study on the Microstructure and Fretting Wear Resistance of Laser-Treated Stainless Steel", PVAMU E&A '96 Symposium, PVAMU, Prairie View, TX, February 1996.
87. R. Wilkins*, "New Characterization Facilities for Material Science at Prairie View A&M University", PVAMU E&A '96 Symposium, PVAMU, Prairie View, TX, February 1996.
88. Michael Wilson^ and R. Wilkins*, "Crystal Growth and Vibration Isolation for Space Experiments", PVAMU E&A '96 Symposium, PVAMU, Prairie View, TX, February 1996. (Research partially funded by TRW Inc.)
89. J. Gabitto* and Sy-Chyi Lin*, "Simulation of a Photo-CVD Reactor Using a Finite Difference Method", Annual Public Review, Science and Technology Center, Synthesis Growth and Analysis of Electronic Materials, Pickle Research Center, University of Texas at Austin, Austin, TX, February 1996.
90. T. N. Fogarty* and Kenneth Washington^, "Process and Radiation Induced Defects in Electronic Materials and Devices", PVAMU Engineering & Architecture '96 Symposium, PVAMU, Prairie View, TX, February 1996.
91. Sy-Chyi Lin*, "Vertical Self-Propagating High-Temperature Synthesis of $YBa_2Cu_3O_{6+x}$ Superconductor", PVAMU Engineering & Architecture '96 Symposium, PVAMU, Prairie View, TX, February 1996.
92. J. Gabitto* and Sy-Chyi Lin*, "Simulation of a Plasma-Enhanced Chemical Vapor Deposition Process Using a Finite Difference Method", PVAMU Engineering & Architecture '96 Symposium, PVAMU, Prairie View, TX, February 1996.
93. T. Wang, Sy-Chyi Lin* and J. Gabitto*, "The Influence of Ambient Temperature, on Propagating Velocity in a Self-Propagating High-Temperature Synthesis", PVAMU Engineering & Architecture '96 Symposium, PVAMU, Prairie View, TX, February 1996.
94. Charles Lawson and J. O. Attia*, "SPICE Model for Total Ionizing Dose Radiation Effects on Power MOSFETS", PVAMU Engineering & Architecture '96 Symposium, PVAMU, Prairie View, TX, February 1996.
95. J. K. Powell^, F. Limar, S. R. Glasser, R. D. Burghardt and G. R. Newton*, "Expression of Carbohydrate Antigens in the Early Pregnant Goat Uterus and Steroid Treated Polarized Uterine Epithelial Cell Cultures", PVAMU and Center for Animal Biotechnology, Texas A&M University, College Station, TX, 1996.
96. Charles A. Lawson and J. O. Attia*, "Radiation Effects on DC-DC Converters Using Novel SPICE Model for Power MOSFETS", NASA University Research Centers First Nations Student's Conference, Greensboro, NC, March 31-April 2, 1996.
97. John A. Alexander^ and J. O. Attia*, "Effect of Total Ionizing Dose (TID) on the Propagation Delay on Logic Gates - Co60 Results", RADSCON '96, Prairie View A&M University, Prairie View, TX, April 22 & 23, 1996.
98. Shuza Binzaid^ and J. O. Attia*, "Design of a Switched Capacity Read Access Memory IC Chip using MAGIC and MOSIS", RADSCON '96, Prairie View A&M University, Prairie View, TX, April 22 & 23, 1996.
99. Jiang Li*, "Modeling of the Box-to-Box EMC/EMI at System Level", RADSCON '96, Prairie View A&M University, Prairie View, TX, April 22 & 23, 1996.
100. J.F. Pizano, T. H. Ma, J. O. Attia*, R. D. Schrimpf, and K. F. Galloway, "Modeling Low-Dose Rate Total Dose Effects in Power MOSFETS for Circuit Analysis", RADSCON '96, Prairie View A&M University, Prairie View, TX,

- April 22 & 23, 1996.
101. Jianren Zhou*, "TEM Observation on Microstructure of Pure Iron Implanted with Tungsten Ions", RADSCON '96, Prairie View A&M University, Prairie View, TX, April 22 & 23, 1996.
 102. R. Wilkins*, "Characterization of the Wide Bandgap Semiconductor Ilmenite for Radiation Tolerant Applications", Center for Material Science, Los Alamos National Laboratory, Los Alamos, NM, August 1996. (Invited talk)
 103. Sy-Chyi Lin* and J. F. Gabitto*, "Modeling and Simulation of Photo-CVD Reactors", AIChE96 Annual Meeting, Chicago, IL, November 1996.
 104. G. Yao, Sy-Chyi Lin*, and J. G. Gabitto*, "Modeling of Plasma Enhanced CVD Reactors", AIChE96 Annual Meeting, Chicago, IL, November 1996.
 105. R. C. Burghardt, J. A. Bowen, W. E. Day, R. Barhoumi, F. W. Bazer, S. R. Glasser, G. R. Newton*, "Comparative Analysis of GAP Junction Protein Expression in Porcine, Equine and Caprine Endometrium", Society for the Study of Reproduction 29th Annual Meeting, London, Ontario, 1996.
 106. D. W. Weise, S. Woldesenbet and G. R. Newton*, "Influence of Gonadal Steroids, Oxytocin (OT) and Interferon TAU (IFN) on Prostaglandin E2 (PGE) and Prostaglandin F2a (PGF) Secretion by Caprine Uterine Epithelial (cUE) Cells in Vitro", Society for the Study of Reproduction 29th Annual Meeting, London, Ontario, 1996.
 107. R. Wilkins*, G. Lengel, J. Harper and M. Weimer, "Crystal Defect Characterization with Scanning Tunneling Microscopy: Vacancies and Steps on GaAs(110), Current Issues of Novel Electronic Materials", Annual Meeting of American Ceramic Society, Westerville, Ohio, 1995.
 108. Sy-Chyi Lin*, "Self-Propagating High-Temperature Synthesis of YBa₂Cu₃O_{6+x}", Third Annual Engineering and Architecture Symposium, Prairie View A&M University, Prairie View, TX, January 1995.
 109. J. Gabitto* and Sy-Chyi Lin*, "Simulation of a Photo-CVD Reactor using a Finite Difference Method", Semi-annual Report, Science and Technology Center, Synthesis, Growth and Analysis of Electronic Materials, Pickle Research Center, University of Texas at Austin, Austin, TX, April 1995.
 110. T.N. Fogarty*, "Radiation Processing Induced Damage in Electronic Devices and Materials", Engineering Science & Mechanics Seminar, Pennsylvania State University, State College, PA, September 13, 1995.
 111. R. Wilkins*, "Cooperative Material Research Between CARR and CEMDAS", NSF-CEMDAS Industrial Affiliates Meeting, University of Texas at Arlington, Arlington, TX, November 20, 1995.
 112. J. Gabitto* and Sy-Chyi Lin*, "Simulation of a Photo-CVD Reactor Using a Finite Difference Method", Semi-annual Report, Science and Technology Center, Synthesis, Growth, and Analysis of Electronic Materials, Pickle Research Center, University of Texas at Austin, Austin, TX, December 1995.
 113. T.S. Huang and Xianya Yu^, "Magnetic Field Geometry and the a, b Coordinate System", American Geophysics Union 1995 Fall Meeting, San Francisco, CA, December 1995.

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