

TECHNICAL PRESENTATIONS MADE

- *Ascioglu, B.*, Adanur, S., Patra, P. K., Inan, G., Kim, Y., and Warner, S., “Heat Transfer Modeling in Nanofiber Reinforced Composites”, ICCE-10, New Orleans, Louisiana, July 20-26, 2003.
- *Inan, G.*, Patra, P. K., Warner, S. B., Kim, Y. K., Ascioglu, B., and Adanur, S., “In-Situ Polymerized Flame Retardant Nanocomposites”, ICCE-10, New Orleans, July 20-26, 2003.
- *Onal, L.*, and Adanur, S., “A Novel 3D Structure, 3D Hybrid Woven/Knitted Fabric”, Proceedings of the The Fiber Society 2003 Spring Symposium, “Advanced Flexible Materials and Structures: Engineering with Fibers”, June 30-July 2, 2003, Loughborough, England .
- *Adanur, S.*, “Wide World of Industrial Textiles”, June 19, 2003, Marmara University, Istanbul, Turkey.
- *Sathendra, V.*, and Adanur, S., “Fabric Design and Analysis System in 3D Virtual Reality”, Auburn University Annual Research Forum, Auburn, AL, 20 March 2003.
- *Adanur, S.*, “Wide World of Industrial Textiles”, Dong Hua University, Shanghai, China, 26 Sept. 2002.
- *Adanur, S.*, and Onal, L., “Experimental Analysis of Textile Composites”, TechTextil North America Symposium, Atlanta, GA. April 9-11, 2002, April 9-11, 2002.
- *Elton, D. J.*, Howie, D. L., and Adanur, S., “Bubblepoint Testing of Nonwoven Geotextiles”, 37th Symposium on Engineering Geology and Geotechnical Engineering, Boise, Idaho, March 27-29, 2002.
- *Adanur, S.*, and Turel, T., “Mechanics of Air-Jet Filling Insertion”, 2001 ASME International Mechanical Engineering Congress & Exposition, New York, NY, Nov. 14, 2001.
- *Adanur, S.*, “Role of Technical Fabrics in Papermaking: An Overview”, Techtextil Symposium North America, March 13-15, 2001, Atlanta, Georgia.
- *Adanur, S.*, and Onal, L., “Effects of Production Variables on Stress-Strain Behavior of Glass/Epoxy Textile Composites in Compression Molding”, The 2000 American Society of Mechanical Engineers (ASME) Congress & Exposition, Orlando, FL, Nov. 5-10, 2000.

- *Adanur, S.*, and Onal, L., “Impact Failure Analysis of Glass/Epoxy Textile Composites”, The 2000 American Society of Mechanical Engineers (ASME) Congress & Exposition, Orlando, FL, Nov. 5-10, 2000.
- *Adanur, S.*, and Orak, H., “Textile Composites”, DOE/TACOM Army 21st Century Truck Program, Auburn University, Auburn, Al. 3 August, 2000.
- *Adanur, S.*, Xu, B., and Orak, H., “Braided Composite Automotive Chassis Frame”, ICCE/7 Seventh International Conference on Composites Engineering, July 2-8, 2000, Denver, CO.
- *Elton, D. J.*, and *Adanur, S.*, “Varying Pore Sizes in Hydroentangled Geotextiles”, Techtex North America International Trade Fair for Technical Textiles and Nonwovens”, March 22-24, 2000, Atlanta, GA.
- *Adanur, S.*, Bakhtiyarov, S., and Beale, D., “Characterization of Air-Yarn Interface in Air-Jet Weaving”, National Textile Center Annual Forum, January 27-29, 2000, Myrtle Beach, SC.
- Hou, Z., and *Adanur, S.*, “Direct Use of Waste PVC Coated Fabrics to Reinforce Composites”, 1999 International Mechanical Engineering Congress & Exposition, November 17, 1999, Nashville, Tennessee.
- *Bakhtiyarov, S.*, and *Adanur, S.*, “Airflow over Wavy Yarn in Air-jet Filling Insertion”, Second International Symposium on Mathematical & Computational Applications, Baku, Azerbaijan, September 1-3, 1999.
- *Adanur, S.*, and *Bakhtiyarov, S.*, “Numerical Study of Collision Efficiency of Dust Particles”, Second International Symposium on Mathematical & Computational Applications, Baku, Azerbaijan, September 1-3, 1999.
- *Yuksekkaya, M. E.*, Thomas, H., and *Adanur, S.*, “Analysis of Elastic Deformation of Braided Tubular Structures for Medical Applications, The Fiber Society 58th Annual General Conference, Symposium on Textile and Polymer Based Biomaterials, Philadelphia, PA, May 3-4, 1999.
- *Adanur, S.*, Gowayed, Y., and Thomas, H., "On-Line Measurement of Fabric Properties ", National Textile Center Annual Forum, January 28-30, 1999, Myrtle Beach, SC.
- *Adanur, S.*, and Xu, B., “Influence of Microwave Fast Preheating on Epoxy Resin Chemorheology Properties”, The 1998 International Mechanical Engineering Congress and Exposition, November 15-20, 1998, Anaheim, CA.

- *Adanur, S.*, and Liao, T., "3D Modeling of Textile Composite Preforms", ICCE/5 Fifth International Conference on Composites Engineering, July 5-11, 1998, Las Vegas, NV.
- *Adanur, S.*, and Xu, B., "Impact Resistance of Microwave Cured Glass/Epoxy Composites", ICCST/2, Second International Conference on Composite Science and Technology, Durban, South Africa, June 9-11, 1998.
- Mallick, S. B., Elton, D. J., and *Adanur, S.*, "A New Approach in Modeling of Soil-Geotextile Interface Behavior in Pullout Tests", Sixth International Conference on Geosynthetics, March 25-29, 1998, Atlanta, GA.
- *Adanur, S.*, and Hou, Z., "Recycling and Reuse of PVC Coated Polyester Fabric", TCL7, The 7th International Conference on Textile Coating and Laminating, Nov. 17-18, 1997, Charlotte, NC.
- *Adanur, S.*, and Xu, B. , "Characteristics of Microwave-Cured Braided Glass/Epoxy Composites", Composites at Lake Louise, CALL '97, October 12-17, 1997, Canada.
- *Adanur, S.*, Arumugam, Y. S., and Xu, B., "Fast Net Shape Manufacturing of Braided Textile Structures", ICCE/4, Fourth International Conference on Composites Engineering, July 6-12, 1997, Big Island of Hawaii.
- *Adanur, S.*, and Sreekanthreddy, G., "Compression Behavior of 3D Reinforced Glass/Epoxy Laminar Composite Profiles", ICAPC-97, International Conference on Advanced Polymer Composites, Materials, Processing and Applications, Beijing University of Aeronautics and Astronautics, Beijing, China, June 3-5, 1997.
- *Adanur, S.*, "Geotextiles: Design and Applications in Alabama", Presentation to Alabama Congressional Delegation , May 9, 1997.
- Basu Mallick, S., Elton, D. J., and *Adanur, S.*, "An Experimental Characterization of Soil-Woven Geotextile Interface in Large Box Pullout Tests", Geosynthetics '97, March 10-13, 1997, Long Beach, CA.
- Yuksekkaya, M., *Thomas, H.*, *Adanur, S.*, Chaikof, E., "Polymeric Braided Stents for Medical Applications", 1996 ASME International Mechanical Engineering Congress and Exposition, Nov. 17-22, 1996, Atlanta, GA.
- *Ghosh, T.*, and *Adanur, S.*, Design and Characterization of Geotextiles for High Performance Applications, Nonwovens Cooperative Research Center, Semi-Annual Meeting, Year 5, Nov. 20, 1996, Raleigh, NC.

- *Adanur, S.*, Mallick, S., and Zhai, H., "Analysis of Geotextile-Soil Interaction in Pull-Out Tests", IS Kyushu '96, International Symposium on Earth Reinforcement, November 12-14, 1996, Fukuoka, Japan.
- Warren, A., El-Halwagi, M. and *Adanur, S.*, "Design of a New Process for Converting Textile Solid Waste into Transportation Fuel", *TIEES-96*, The First Trabzon International Energy and Environment Symposium, July 29-31, 1996, Karadeniz Technical University, Trabzon, Turkey.
- *Adanur, S.*, and Gongalareddy, S., "Compressive Properties of Stitched Woven Fiberglass Fabric Reinforced Composite Sections for Civil Engineering Applications", ICCE/3, Third International Conference on Composites Engineering, July 21-26, 1996, New Orleans, LA.
- *Adanur, S.*, Design and Characterization of Geotextiles for High Performance Applications, Nonwovens Cooperative Research Center, 5th Annual Meeting, May 29, 1996, Raleigh, NC.
- *Adanur, S.*, "Manufacturing of Industrial Textiles: Requirements and Opportunities", Sulzer-Ruti Technical Fabric Symposium, February 21-23, 1996, Spartanburg, SC.
- *Adanur, S.*, "State of the Art in Technical Textiles", Discover EXPO '95, Industrial Fabric and Equipment Exposition, Industrial Fabrics Association International, Charlotte, NC, Oct. 12-14, 1995.
- Wang, S., *Adanur, S.* and Jang, B. Z., "Thermo-Mechanical Behavior of Fiber/Filler Reinforced Phenolic Matrix Composites", 2nd International Conference on Composites Engineering (ICCE/2), August 21-24, 1995, New Orleans, LA.
- *Adanur, S.*, and Tam, C. A., "On-machine Stitching of 3-D Laminate Structures for Composites", 2nd International Conference on Composites Engineering (ICCE/2), August 21-24, 1995, New Orleans, LA.
- Wang, S., *Adanur, S.* and Jang, B. Z., "Mechanical Behavior of Fiber/Filler Reinforced Phenolic Matrix Composites", Proceedings of the 2nd International Conference on Composites Engineering (ICCE/2), August 21-24, 1995, New Orleans, LA.
- *Adanur, S.*, Mallick, S. B., and Zhai, H., "Design and Characterization of Geotextiles for High Performance Applications", Hi-Tech Textiles Exhibition and Conference, July 24-26, 1995, Greenville, SC.

- *Broughton, R. M., Bakhtiyarov, S. I., Brady, P., and Adanur, S., "Initial Design of Nonwoven Fabrics for Air Filtration", Hi-Tech Textiles Exhibition and Conference, July 24-26, 1995, Greenville, SC.*
- *Adanur, S., and Tsao, Y. P., "Stitch Bonded Textile Structural Composites", The 26th International Technical Conference, SAMPE, October 24-27, 94, Atlanta, GA.*
- *Adanur, S., Tsao, Y. P., and Tam, C. W., "Improving Fracture Resistance in Laminar Textile Composites", First International Conference on Composites Engineering, August 28-31, 1994, New Orleans, LA.*
- *Adanur, S., "Design and Structure of Fabrics for Papermaking", Third International Hi-Tech Textiles Exhibition & Conference, June 21-22, 1994, Greenville, SC.*
- *Adanur, S., and Walker, B., "Yarn Preparation for Weaving in the Future (Yarn Preparation for the Second Loom)", 33rd Annual Textile Slashing Short Course, September 22, 1993, Auburn University, AL.*
- *Adanur, S., "Paper Machine Clothing", Istanbul Technical University, Textile Engineering Department, August 4, 1993.*
- *Adanur, S., "Effects of Forming Fabric Design on Paper Properties", 2nd International Hi-Tech Textiles Conference, July 21, 1993, Greenville, SC.*
- *ElMogahzy, Y., Gowayed, Y. and Adanur, S., "Mechanical Characterization of Geotextiles/Soil Interaction", The Fiber Society Spring Meeting, May 1993, Raleigh, NC.*
- *Adanur, S., "Design and Applications of Forming Fabrics in Papermaking", North Carolina State University, College of Textiles, Fiber, Polymer and Textile Seminar Program, March 17, 1993, Raleigh, NC.*