

2012 Ginning and Joint Engineering/Ginning Conferences

Thursday, January 5 - 1:30 PM – 6:00 PM

1. **Ginner's Experience in the Ginning of Onboard Picker Built Modules.** W. Morgan
2. **Automated Cotton Bale Bagging System: Using Approved Bags with the Exception of Sonic Weld on Bottom Seam.** D. Duke
3. **Strategies to Increase Bale Press Capacities.** R. D. Rutherford, T. D. Valco, and H. Ashley
4. **Enhancing Cotton Flow with Mobile Apps.** K. D. Andrews
5. **Gin Safety and Activities of the Texas Cotton Ginners' Trust.** T. Loonam
6. **Review of Samuel Strapping Systems Automated Cotton Bale Bagging System Using Approved Bags.** N. Penegar
7. **Smart Phone App Aids Gin In Handling Modules.** J. T. Wyrick
8. **The Moisture Mirror X: More Ginning Data in More Places, Including Your Smart Phone.** M. Gentry
9. **Comparison of Selected Bale Moisture Measurements in a Commercial Gin.** R. K. Byler
10. **Cotton Gin Use of Facial Recognition Software.** D. Alford
11. **2010 Cotton Ginning Cost Survey.** T. D. Valco, H. Ashley, J. K. Green, D. S. Findley, T. L. Price, J. M. Fannin, and R. A. Isom
12. **EAGL.SYS® Module Tracking Hardware & Software for the Gins.** S. Moffett
13. **Performance of Cotton Module Covers: A Summary of Testing and Standardization Efforts.** S. Searcy, S. Simpson, and E. Barnes

Friday, January 6 - 8:00 AM to 12:00 PM

14. **Quality of 2011 Cotton Crop.** R. L. Seals
15. **Preliminary Evaluation of Fiber Quality in Seed Cotton Cleaner Material in a Commercial Gin.** R. K. Byler, C. D. Delhom, et al.
16. **Module Averaging - Still a Preferred System After 20 Years.** D. W. Earnest
17. **Ginning, Lint Cleaning, Fiber Length, and Waste.** S. E. Hughs, C. B. Armijo, and J. A. Foulk
18. **Recovering Tag Fiber From Cottonseed Using the Power Roll Gin Stand.** T. C. Wedegaertner, J. W. Laird, and G. A. Holt
19. **Multibar Sawless Lint Cleaner: Second Year of Field Testing.** G. A. Holt, J. D. Wanjura, M. G. Pelletier, J. W. Thomas, E. M. Barnes, and G. Gamble
20. **Energy Monitoring in Gins- 2011.** R. G. Hardin IV and P. A. Funk
21. **Characterization of Cotton Gin Particulate Matter Emissions – Final Year of Fieldwork.** D. P. Whitelock, M. D. Buser, J. C. Boykin, and G. A. Holt

22. **Effect of Harvesting Methods and Cotton Fiber Maturity on Yarn Quality.** E. F. Hequet, N. Abidi, R. Boman, and J. D. Wanjura
23. **Observing the Motion of Seed Coat Fragments on a Saw-Type Lint Cleaner.** C. B. Armijo, D. P. Whitelock, S. E. Hughs, E. M. Barnes, and M. N. Gillum
24. **Comparison of High-Speed Roller and Saw Ginning on Texas High Plains Cotton.** J. D. Wanjura, W. B. Faulkner, C. B. Armijo, R. K. Boman, M. S. Kelley, C. W. Ashbrook, D. P. Whitelock, G. A. Holt, and M. G. Pelletier
25. **A Non-Invasive Cotton Moisture Measurement for Gin Ducts and Its Impact on Cotton Fiber Quality and Gin Performance.** A. Krajewski and S. Gordon
26. **Modification of Working Elements in the Fixed Batt Saw Lint Cleaner to Improve Fiber Quality and Trash Removal.** S. Gordon, K. Bagshaw, and F. Horne
27. **"CONTROL ALGORITHM" to Optimize Seed Cotton Drying in a Cotton Gin.** M. Gvili
28. **Student Paper Presentation Awards.** W. B. Faulkner