

2025 RICE TECHNICAL WORKING GROUP MEETING

February 17 – 20, 2025

Hilton New Orleans Riverside Hotel

Two Poydras Street

New Orleans, Louisiana

DRAFT SCHEDULE



RICE TECHNICAL WORKING GROUP (RTWG)

General Program

Monday, February 17, 2025				
Start Time	End Time	Item	Location	Notes
8:00 AM	5:00 PM	Registration	Storage N	3rd Floor
7:30 AM	9:00 AM	Executive Committee Meeting	Parish	3rd Floor
9:00 AM	10:30 AM	Rice Crop Germplasm Committee Meeting	Fulton	3rd Floor
10:30 AM	12:00 PM	Rice Variety Acreage Committee Meeting	Durham	3rd Floor
12:30 PM	2:00 PM	Educational Workshop – Current Challenges	St. James	3rd Floor
1:00 PM	5:00 PM	Poster Setup	St. Charles	3rd Floor
2:00 PM	3:30 PM	Symposium 1 - New Rice Pests	St. James	3rd Floor
2:00 PM	3:30 PM	Symposium 2 - Factors Influencing Consumer Demand for Rice	Jefferson	3rd Floor
3:15 PM	3:45 PM	Afternoon Refreshments	The District Foyer	3rd Floor
3:30 PM	5:00 PM	Symposium 3 – Innovating Rice Science & Overcoming Challenges	St. James	3rd Floor
5:00 PM	5:45 PM	Reception For Symposium - Innovating Rice Science and Overcoming Challenges	Jackson	3rd Floor
5:00 PM	5:45 PM	Student Contest Judges Meeting	Parish	3rd Floor
6:00 PM	7:30 PM	Opening Reception	The District Foyer	3rd Floor

Tuesday, February 18, 2025				
Start Time	End Time	Item	Location	Notes
8:00 AM	5:00 PM	Registration	Storage N	3rd Floor
8:00 AM	10:00 AM	General Session	St. James	3rd Floor
10:00 AM	10:30 AM	Break	The District Foyer	3rd Floor
10:30 AM	12:00 PM	Poster Session (Authors Present)	St. Charles	3rd Floor
12:00 PM	1:30 PM	Industry Luncheon	Jefferson	3rd Floor
1:30 PM	3:00 PM	Student Competition 1- Breeding, Genetics, and Cytogenetics	Fulton	3rd Floor
1:30 PM	3:15 PM	Student Competition 2- Economics & Marketing/Postharvest Quality	Royal	3rd Floor
1:30 PM	4:30 PM	Student Competition 3- Plant Protection	Windsor	3rd Floor
1:30 PM	5:00 PM	Student Competition 4- Agronomy and Rice Culture	Commerce	3rd Floor
1:30 PM	5:45 PM	Student Competition 5- Weed Control and Growth Regulation	Canal	3rd Floor
3:15 PM	3:45 PM	Break	The District Foyer	3rd Floor
3:45 PM	5:25 PM	Breeding, Genetics, and Cytogenetics Panel Breakout	Fulton	3rd Floor
3:45 PM	5:45 PM	Agronomy and Rice Culture Panel Breakout	Royal	3rd Floor

Wednesday, February 19, 2025

Start Time	End Time	Item	Location	Notes
8:00 AM	12:00 PM	Registration	Storage N	3rd Floor
8:00 AM	12:00 PM	Posters	St. Charles	3rd Floor
8:00 AM	11:20 AM	Economics and Marketing Panel Breakout	Windsor	3rd Floor
8:00 AM	2:20 PM	Postharvest Quality, Utilization, and Nutrition Panel Breakout	Canal	3rd Floor
8:00 AM	2:40 PM	Agronomy and Rice Culture Panel Breakout	Royal	3rd Floor
8:00 AM	3:20 PM	Plant Protection Panel Breakout	Commerce	3rd Floor
8:00 AM	5:40 PM	Breeding, Genetics, and Cytogenetics Panel Breakout	Fulton	3rd Floor
10:00 AM	10:30 AM	Break	The District Foyer	3rd Floor
12:00 PM	1:20 PM	Awards Luncheon	Jefferson	3rd Floor
1:00 PM	2:30 PM	Remove Research Posters	St. Charles	3rd Floor
1:20 PM	2:20 PM	Weed Control and Growth Regulation Panel Breakout	Windsor	3rd Floor
3:00 PM	3:40 PM	Break	The District Foyer	3rd Floor
3:40 PM	5:40 PM	CRISP-RICE	Royal	3rd Floor
3:40 PM	5:40 PM	National Rice Initiative Discussion - Grain Quality	Commerce	3rd Floor

Thursday, February 20, 2025

Start Time	End Time	Item	Location	Notes
8:00 AM	9:00 AM	Executive Committee Meeting	Parish	3rd Floor
9:00 AM	10:00 AM	Closing Session	Fulton	3rd Floor

SCHEDULE FOR MONDAY, FEBRUARY 17, 2025

Monday, February 17, 2025 - Executive Committee Meeting
Parish (3rd Floor) - 7:30 am - 9:00 am

Monday, February 17, 2025 - Rice Crop Germplasm Committee Meeting
Fulton (3rd Floor) - 9:00 am - 10:30 am

Monday, February 17, 2025 - Rice Variety Acreage Committee Meeting
Durham (3rd Floor) - 10:30 am - 12:00 pm

Monday, February 17, 2025 - Educational Workshop - Current Challenges
St. James (3rd Floor) - 12:30 pm - 2:00 pm

Time	Item
12:30 PM	Factors Affecting Milling Quality - Griffiths Atungulu
12:50 PM	Best Combinations and Timings of Fungicide - Felipe Dalla Lana
1:10 PM	New Herbicide Technology - Jason Bond
1:30 PM	Question and Answer Session

Monday, February 17, 2025 - Symposium 1 - New Rice Pests
St. James (3rd Floor) - 2:00 pm - 3:30 pm

Time	Item
2:00 PM	New Rice Insect Challenges - Blake Wilson
2:20 PM	New Rice Disease Challenges - Maribel Cruz
2:40 PM	New Rice Weed Challenges - Connor Webster
3:00 PM	Question and Answer Session

Monday, February 17, 2025 - Symposium 2 - Factors Influencing Consumer Demand for Rice
Jefferson (3rd Floor) - 2:00 pm - 3:30 pm

Time	Item
2:00 PM	Importance of Climate Smart/Reduced Greenhouse/Sustainability - Bill Jones
2:20 PM	Health Concerns/Benefits Shaping Demand - Low GI Index - Michael Fruge
2:40 PM	Health Concerns/Benefits Shaping Demand - Arsenic - Steve Linscombe
3:00 PM	Question and Answer Session

SCHEDULE FOR MONDAY, FEBRUARY 17, 2025 (CONTINUED)

Monday, February 17, 2025 - Symposium 3 – Innovating Rice Science and Overcoming Challenges: Perspectives from Different Career Stages
St. James (3rd Floor) - 3:30 pm - 5:00 pm

Time	Item
3:30 PM	Angelia Seyfferth
3:50 PM	Sarah Beebout
4:10 PM	Maria Montiel
4:30 PM	Question and Answer Session

Monday, February 17, 2025 – Reception for Symposium: Innovating Rice Science and Overcoming Challenges: Perspectives from Different Career Stages
Jackson (3rd Floor) - 5:00 pm - 5:45 pm

Monday, February 17, 2025 - Student Competition Judges Meeting
Parish (3rd Floor) - 5:00 pm - 5:45 pm

Monday, February 17, 2025 - Opening Reception
The District Foyer (3rd Floor) - 6:00 pm - 8:00 pm

SCHEDULE FOR TUESDAY, FEBRUARY 18, 2025

Tuesday February 18, 2025 - General Session St. James (3rd Floor) - 8:00 am - 10:00 am

Time	Item
8:00 AM	RTWG Business Meeting
	Welcome - Michael Salassi, Associate Vice President and Director of the Louisiana Agricultural Experiment Station, LSU AgCenter
	Importance of US/International Rice Research Collaborations - Bob Ziegler, Global Rice Research Foundation
	The Evolution of Rice Production: A Farmer's Perspective - Jackie Loewer
10:00 AM	Break (The District)

Tuesday February 18, 2025 - Poster Session St. Charles (3rd Floor) - 10:30 am - 12:00 pm

Time	Item
10:30 AM	Poster Session - Authors Present

Tuesday February 18, 2025 - Industry Luncheon Jefferson (3rd Floor) - 12:00 pm - 1:30 pm

Time	Item
12:00 PM	Keynote Speaker - Bobby Hanks, CEO, Supreme Rice LLC.

Tuesday February 18, 2025 - Student Competition - Breeding, Genetics, and Cytogenetics Fulton (3rd Floor) - 1:30 pm - 3:00 pm

Moderator: Karina Borges

Time	Session
1:30 PM	Yield Linkage Drag Associated with the Introgression of the SD1 Semi-Dwarf Allele in Us Long Grain Germplasm - Furlan, F.J.F.
1:45 PM	Genomic Selection of Seed Dormancy to Improve Germinability of Hybrid Seeds in Rice - Bhattarai, K.
2:00 PM	Transcriptomic Analysis of Genes Regulated by SLENDER RICE1 in Embryos of Germinating Seeds in Rice - Xu, H.
2:15 PM	Genome-Wide Association Study for Early Morning Flowering Trait in an AUS Rice Panel - Rana, P.
2:30 PM	Candidate Gene Analysis for Alkalinity Tolerance Using QTL-Seq Approach in Rice - Kondi, R.K.R.

2:45 PM	Genetic Characterization of the Quantitative Inheritance of Sheath Blight (<i>Rhizoctonia Solani</i> Kühn) Resistance in Rice (<i>Oryza Sativa</i>) Under Field Conditions - Manangkil, J.M.
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SCHEDULE FOR TUESDAY, FEBRUARY 18, 2025 (CONTINUED)

Tuesday February 18, 2025 - Student Competition - Economics & Marketing / Postharvest Quality, Utilization, and Nutrition	
Royal (3rd Floor) - 1:30 pm - 3:15 pm	
Moderator: Brian Hilbun	
Time	Session
1:30 PM	Examining the Differences in USDA Cost of Production for Rice - Klawinsky, K.M.
1:45 PM	Identifying Factors that Separate the Profitable from Unprofitable Rice Farms - Castillo, C.
2:00 PM	Dehydration of Rice Bran Protein Isolate Using Novel Vacuum-Assisted Microwave Drying Techniques - Ameyaw, E.
2:15 PM	Engineering Functional High-Value Food Ingredients from Rice Milling Byproducts in Insect Diets - Chukkapalli, D.
2:30 PM	Exploring GABA Enrichment of Instantized Brown Rice Through Germination Treatments - Ouma, F.A.
2:45 PM	Exploring Malted Rice as a Novel Brewing Ingredient - Guimaraes, B.P.
3:00 PM	Case Studies of Rapid Milling Yield Assessment Using New AI-Based Tools - Olaoni, S.
3:15 PM	Break (The District)

Tuesday February 18, 2025 - Student Competition - Weed Control and Growth Regulation	
Canal (3rd Floor) - 1:30 pm - 3:15 pm	
Moderator: Sam Rustom	
Time	Session
1:30 PM	ACCASE Resistance Progression in Weedy Rice and Barnyardgrass Since 2022 - Avent, T.H.
1:45 PM	Addressing Suspected Resistance of White Margin Sedge to ALS-Inhibiting Herbicides - Ross, A.D.
2:00 PM	Influence of Bleacher Herbicides on Rice with and without Seed Treatment Safeners - Baxley, R.
2:15 PM	Evaluation of Safeners for Group 15 Herbicides Applied as a Seed Treatment in Rice - Malone, J.C.
2:30 PM	A New Cyperaceae Genus Infesting Louisiana Rice (<i>Oryza Sativa</i> L.) - Sparks, G.R.
2:45 PM	Does Application Timing Effect Rice Tolerance to Brake in a Flooded Rice System? - Dodde, M.R.
3:00 PM	Crop Response of Provisia Rice Systems in Overcast Weather - Carr, W.B.
3:15 PM	Break (The District)

SCHEDULE FOR TUESDAY, FEBRUARY 18, 2025 (CONTINUED)

Tuesday February 18, 2025 - Student Competition - Agronomy and Rice Culture Commerce (3rd Floor) - 1:30 pm - 3:15 pm	
Moderator: Jacob Fluitt	
Time	Session
1:30 PM	Potential Seeding Rate Alterations to Maximize Profitability in Furrow-Irrigated Rice - Ablao, A.A.
1:45 PM	Yield and Nutrient Uptake Response to Cover Cropping in Zero-Grade, Flood-Irrigated Rice - Vickmark, H.E.
2:00 PM	Understanding Nutrient Uptake Timing and Demand from Recently Released Rice Cultivars Planted in the Arkansas Delta - Bessa De Lima, G.H.
2:15 PM	Nitrogen Rate and Split Application Timings in Mississippi Furrow-Irrigated Rice - Eubank, T.W.
2:30 PM	Rice Yield Response to Phosphorus and Potassium Fertilizer Application Timing - Mengez, G.A.L.
2:45 PM	Effects of Different Nitrogen Rates on Yield, Nitrogen Use Efficiency, and Greenhouse Gas Emissions Under Alternate Wetting and Drying Management - Petrowicz, H.L.
3:00 PM	Nutrient Uptake and Structural Analysis of Rice Under Zinc-Based Nanomaterial Application: A Study Using Visual Imaging at the Nanoscale - Nuwan, R.H.A.N.
3:15 PM	Break (The District)

Tuesday February 18, 2025 - Student Competition - Plant Protection Windsor (3rd Floor) - 1:30 pm - 3:15 pm	
Moderator: Samuel de Paula	
Time	Session
1:30 PM	Yeast as a Biological Control for Rice Kernel Smut - Goetze, P.K.
1:45 PM	Sheath Blight Management in Mississippi Furrow Irrigated Rice - Mangialardi, G.A.
2:00 PM	Compatibility of Insecticidal Seed Treatment and Host Plant Resistance in Management of Stem Borer in Rice. - Khan, M.D.
2:15 PM	Determining the Impact of Resistant Cultivars Against the Rice Billbug (<i>Sphenophorus Pertinax</i> Olivier) in Furrow-Irrigated Rice (<i>Oryza Sativa</i> L.) - Musgrove, T.R.
2:30 PM	Rice Growth Stage Influences the Vulnerability of Rice Plants to Infestation by Mexican Rice Borer Larvae - Osako, M.
2:45 PM	Field Varietal Performance Against the Rice Stink Bug, <i>Oebalus Pugnax</i> - Agpawa, E.
3:00 PM	Evaluating Defoliation Thresholds and the Efficacy of Foliar Insecticide Applications for Control of Armyworms in Rice - Fletcher, W.A.
3:15 PM	Break (The District)

SCHEDULE FOR TUESDAY, FEBRUARY 18, 2025 (CONTINUED)

Tuesday February 18, 2025 - Breeding, Genetics, and Cytogenetics Panel Breakout Fulton (3rd Floor) - 3:45 pm - 5:25 pm	
Moderator: Christian Torres De Guzman	
Time	Session
3:45 PM	Identification of Useful Genomic Regions in a Tropical Japonica Core Collection for U.S. Rice Breeding Programs - Huggins, T.D.
4:05 PM	Uncovering Hidden Introgressions: Optimizing Breeding Strategies in US Long-Grain Rice - Edwards, J.E.
4:25 PM	Breeding Better Rice for High Temperature and Other Abiotic Stresses Tolerance in the Philippines and Current Issues on Variety Performance as Affected by Climate Change - Manigbas, N.L.
4:45 PM	Genetic Selection for Sustainable Quantitative Resistance to Narrow Brown Leaf Spot in U.S. - Borges, K.L.R.
5:05 PM	Exploring Morpho-Genetic Variability of Seedling Cold Tolerance Traits in Rice (<i>Oryza Sativa</i> L.) for Ratoon Enhancement - Talukder S.K.

Tuesday February 18, 2025 - Agronomy and Rice Culture Panel Breakout Royal (3rd Floor) - 3:45 pm - 5:45 pm	
Moderator: Bruce Linquist	
Time	Session
3:45 PM	Hybrid Rice Selection for Carbon Net Negative Emissions in Drill Seeded Rice - Adviento-Borbe, M.A.A.
4:05 PM	Reduction of Greenhouse Gas Emissions and Grain Arsenic Through Water-Saving Technologies in Drill Seeded Rice - Adviento-Borbe, M.A.A.
4:25 PM	Balancing Productivity and Emission Reductions in Texas Organic Ratoon Rice Farming - Bera, T.
4:45 PM	Greenhouse Gas Emissions in Bangladeshi Rice Cultivation: Impact of Water Management Practices - Habib, M.A.
5:05 PM	Greenhouse Gas Emissions from Rice Production in Arkansas - Della Lunga, D.
5:25 PM	Methane Emissions from Climate-Smart Rice Production Practices in Southwest Louisiana - Kongchum, M.

SCHEDULE FOR TUESDAY, FEBRUARY 18, 2025 (CONTINUED)

Tuesday February 18, 2025 - Student Competition - Weed Control and Growth Regulation	
Canal (3rd Floor) - 3:45 pm - 5:45 pm	
Moderator: Lawson Priess	
Time	Session
3:45 PM	Evaluating the Impact of Weedy Rice on Rice Yields - Herrman, W.T.
4:00 PM	Weed Control in Furrow-Irrigated Rice with Oxyfluorfen-Based Herbicide Programs - King, T.A.
4:15 PM	Including Tetflupyrolimet in Herbicide Programs in Flooded Mississippi Rice - Dodd, J.B.
4:30 PM	Alternative Application Methods of Tetflupyrolimet in Louisiana Rice - Stoker, S.B.
4:45 PM	Influence of Tetflupyrolimet on Agronomic Performance of Southern Crops - Whitt, D.R.
5:00 PM	Residual Grass Control with Tetflupyrolimet Versus Clomazone and Quinclorac in Midsouth Rice - Ketchum, C.C.
5:15 PM	Does Rogue Bring Value to Quizalofop-Resistant Rice Programs? - Carvalho-Moore, P.
5:30 PM	Evaluation of Preemergence-Applied HPPD Inhibitors and Diflufenican in Rice with and without Fenclorim - Pierce, L.D.

Tuesday February 18, 2025 - Student Competition - Agronomy and Rice Culture	
Commerce (3rd Floor) - 3:45 pm - 5:00 pm	
Moderator: Fugen Dou	
Time	Session
3:45 PM	Validation of Rice Tissue Sampling for In-Season Nutrient Management of Nitrogen, Phosphorus, and Potassium - Smith, T. M.
4:00 PM	Achieving High-Yield, Low-Emission Rice Farming: Does Alternate Wetting and Drying Offer the Solution? - Lasar, H.G.W.
4:15 PM	Evaluating Agronomic Characteristics and Water Usage of Four Irrigation Regimes in Furrow-Irrigated Rice - Smyly, A.C.
4:30 PM	Effect of High Night Temperature on Metabolite Accumulation in Rice Pollen Development - Munkaila M.
4:45 PM	Fish Cultivation in Fallow Season Rice Fields: Effects on CH ₄ Emissions - Carroll, S.R.

SCHEDULE FOR TUESDAY, FEBRUARY 18, 2025 (CONTINUED)

Tuesday February 18, 2025 - Student Competition - Plant Protection Windsor (3rd Floor) - 3:45 pm - 4:30 pm	
Moderator: Dulakshi Mohottige and Bruno Borges	
Time	Session
3:45 PM	Rice Water Weevil Scouting Methods and the Efficacy of Foliar Insecticide Applications Applied Pre and Post Flood - Maris, P.G.
4:00 PM	Evaluating the Effect of Insecticide Treated Seed for Managing Rice Water Weevil (Coleoptera: Curculionidae) in Alternate Wetting Drying Rice Systems - Linn, J.B.
4:15 PM	Best Management Practices for Pyrethroid Resistant Rice Stink Bugs in the Mid-South - Lytle, M.J.

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025

Wednesday, February 19, 2025 - Breeding, Genetics, and Cytogenetics Panel Breakout

Fulton (3rd Floor) - 8:00 pm - 10:20 am

Moderator: Teresa De Leon

Time	Session
8:00 AM	Whole-Genome Sequencing of the LSU380 Panel Sheds Light onto Rice Breeding Germplasm Diversity - Richards, J.K.
8:20 AM	Development of Elite US Rice Breeding Lines with Three New Broad Spectrum Blast Resistance Genes - Angira, B.
8:40 AM	Implementation of Genomic Selection in the LSU Rice Breeding Program - Famoso, A.
9:00 AM	Leveraging Seven Years of Data to Enhance Genomic Selection Accuracy in LSU's Rice Breeding Program - Punzalan, J.
9:20 AM	Genomic Analysis of a Salt-Tolerant Introgression Line of Rice Reveals Genetic Mechanisms for Adaptation to Saline Environments - Subudhi, P.K.
9:40 AM	Identification of a Novel Mutant Allele of the LIKE EARLY STARVATION 1 Gene in Rice - Tai, T.H.
10:00 AM	Prevalence of Blast, Quality Genes and Traits in the Uniform Regional Rice Nursery (URRN) - Jia, M.H.
10:20 AM	Break (The District)

Wednesday, February 19, 2025 - Agronomy and Rice Culture Panel Breakout

Royal (3rd Floor) - 8:00 am - 10:20 am

Moderator: Dustin Harrell

Time	Session
8:00 AM	Planting Date Considerations for the Upper Mid-South - Chlapecka, J.L.
8:20 AM	Seeding Rate and Nitrogen Fertilization of Hybrid Rice Cultivars in Arkansas - Hardke, J.T.
8:40 AM	Exploring No-Till Options in California's Direct Seeded Rice Systems - Linqvist, B.A.
9:00 AM	Effects of Management Practices and Abiotic Stressors on Rice Yield and Grain Quality - Wilson, L.T.
9:20 AM	Development of Method for Determination of Nitrogen Status of Rice Leaves Using Reflectance in Short Wave Infrared Range - Lamichhane, S.
9:40 AM	The Effects of Nitrogen on Ratoon Yield and Head Rice Yield in Texas - Trevino, M.
10:00 AM	Effect of Water and Residue Management on Soil Health - Limmer, M.A.
10:20 AM	Break (The District)

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025 (CONTINUED)

Wednesday, February 19, 2025 - Plant Protection Panel Breakout	
Commerce (3rd Floor) - 8:00 am - 10:20 am	
Moderator: Felipe Dalla Lana	
Time	Session
8:00 AM	Managing Pyrethroid Resistant Rice Stink Bug - Bateman, N.R.
8:20 AM	Evaluating Varietal Resistance for Managing the Rice Delphacid in Texas Rice - Sarkar, N.
8:40 AM	Cultural Practices for Managing Stem-Boring Lepidopterans in Rice - Stout, M. J.
9:00 AM	Management of Rice Water Weevil in Mississippi Rice - Towles, T.B.
9:20 AM	Monitoring Armyworm in California Rice and Relationship Between Number of Adults Caught in Pheromone Traps and Larval Counts - Espino, L.
9:40 AM	Billbug Management in Mississippi Rice - Lipsey, H.L.
10:00 AM	Reduced Efficacy of Insecticidal Seed Treatments in Louisiana Rice - Wilson, B.E.
10:20 AM	Break (The District)

Wednesday, February 19, 2025 - Postharvest Quality, Utilization, and Nutrition	
Panel Breakout	
Canal (3rd Floor) - 8:00 am - 10:20 am	
Moderator: Evans Ameyaw	
Time	Session
8:00 AM	Replacing Rice Tempering with Microwave Technology in Crossflow Column Dryers: A Laboratory Feasibility Study - Atungulu, G.
8:20 AM	Analyzing Milling Behavior and Industrial Appraisal Standards for Conventional and Hybrid Long- and Medium-Grain Rice Cultivars - Olaoni, S.
8:40 AM	Optimizing Parboiling Parameters and Quality Characteristics of Modern Rice Cultivars - Ameyaw, E.
9:00 AM	Classification of Rice by Bran Color: A Non-Destructive and Rapid Approach Using NIR Spectroscopy - Mendoza, P.T.
9:20 AM	A New Way to Meet Consumer Appetite and Convenience for Rice Through Instantization: Optimizing Cultivar Selection - Ouma, F.A.
9:40 AM	Blend Matters: Impact of Blending Rice Cultivars on Milling Yield, Physicochemical Attributes & End-Use Functionality - Atungulu, G.
10:00 AM	Evaluation of Resistant Starch Content in High-Amylose, Basmati, and Jasmine Rice Genotypes - Perdiguerra, K.N.C.
10:20 AM	Break (The District)

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025 (CONTINUED)

Wednesday, February 19, 2025 - Economics and Marketing Panel Breakout Windsor (3rd Floor) - 8:00 am - 9:40 am	
Moderator: Michael Deliberto	
Time	Session
8:00 AM	Impact Of DR-CAFTA on US Long-Grain Rice Sector - Durand-Morat, A.
8:20 AM	Testing the Hedging Pressure Hypothesis in U.S. Rice Futures Prices - Yang, Y.
8:40 AM	Expected Rice Returns in Different Planting Windows: Stochastic Efficiency with Risk Function (SERF). - Badarch, B.
9:00 AM	Precise Nitrogen Recommendations Improve Economic and Environmental Outcomes in Rice Production - Nalley, L.
9:20 AM	An Economic Risk Analysis of Alternative Rice Irrigation Systems In Eastern Arkansas Under Varying Pump Lifts - Watkins, K.B.

Wednesday, February 19, 2025 - Breeding, Genetics, and Cytogenetics Panel Breakout Fulton (3rd Floor) - 10:40 am - 12:00 pm	
Moderator: Shyamal Talukder	
Time	Session
10:40 AM	Development of High-Amylose Rice at Texas A&M AgriLife Research - Samonte, S.O.Pb.
11:00 AM	Development of New and Potential Long Grain and Aromatic Rice Varieties in Arkansas - De Guzman, C.
11:20 AM	Fast-Track Breeding of the Provisia Long Grain Variety PVI04 - Sha, X.
11:40 AM	Rice Grain Quality Evaluation in RES Breeding Program - De Leon, T.B.

Wednesday, February 19, 2025 - Agronomy and Rice Culture Panel Breakout Royal (3rd Floor) - 10:40 am - 12:00 pm	
Moderator: Dustin Harrell	
Time	Session
10:40 AM	State of the Science in the Pitless Tailwater Pump Furrow Irrigated Rice System - Henry, C.
11:00 AM	Logistics of Irrigation Pump Shut Off and Well-Switching: A Case Study. - Massey, J.H.
11:20 AM	Testing Rice Irrigation Water Savings Practices at the Field Scale: Challenges and Lessons Learned - Moreno-García, B.
11:40 AM	Two-Year Studies of Raising Fish in Rice Fields in Arkansas - Jia, Y.

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025 (CONTINUED)

Wednesday, February 19, 2025 - Plant Protection Panel Breakout	
Commerce (3rd Floor) - 10:40 am - 12:00 pm	
Moderator: Blake Wilson	
Time	Session
10:40 AM	Chemical Control of Rice Diseases in Louisiana: Challenges and Opportunities - Dalla Lana, F.
11:00 AM	Plant Pathology Challenges in Arkansas: Blast and Cercospora - Nicolli, C.1
11:20 AM	Updating the Rice Blast Races (<i>Pyricularia Oryzae</i>) Present in Arkansas - De Paula, S.
11:40 AM	Screening Arkansas Rice Cultivars for Resistance to Leaf Blast - Ferreira, A. C. B.

Wednesday, February 19, 2025 - Postharvest Quality, Utilization, and Nutrition Panel Breakout	
Canal (3rd Floor) -10:40 am - 11:40 am	
Moderator: Faith Ouma	
Time	Session
10:40 AM	Exploring the Influence of Rice Beer Quality - Lafontaine, S.R.
11:00 AM	Assessment of a New Nondestructive Method to Measure Rice Chalk Content Based on Rough Rice Properties - Olaoni, S.
11:20 AM	Analyzing Milled Rice Breakage Patterns Under Diverse Environmental Conditions - Chukkapalli, D.

Wednesday, February 19, 2025 - Economics and Marketing Panel Breakout	
Windsor (3rd Floor) -10:00 am - 11:20 am	
Moderator: Michael Deliberto	
Time	Session
10:40 AM	Economic Analysis of Fertilizer Use for Furrow Irrigated Rice (FIR) And Flooded Rice Production Systems in Arkansas - Mane, R.U.
11:00 AM	Evaluating Insurance Changes in the Farmer Act of 2024 on U.S. Rice Farms - Lambert, E.J.

Wednesday, February 19, 2025 - Awards Luncheon	
Jefferson Ballroom (3rd Floor) - 12:00 pm - 1:20 pm	

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025 (CONTINUED)

Wednesday, February 19, 2025 - Breeding, Genetics, and Cytogenetics Panel Breakout	
Fulton (3rd Floor) - 1:20 pm - 3:00 pm	
Moderator: Adam Famoso	
Time	Session
1:20 PM	Genomic Regions Associated with Rice Grain Shape-Related Traits - Sanchez, D.L.
1:40 PM	Genetic Markers and Transcriptome Studies During Grain-Filling of Caryopsis Tissue Reveal that Rice Chalky Grain Growth is Controlled by Numerous Regulatory Pathways at High Night Temperatures - Thomas, J.
2:00 PM	Marker-Trait Associations for Cold Tolerance Traits in U.S. Rice - Baisakh, N.
2:20 PM	CRISPR-Based Genome Editing for Flowering Time in Rice - Thomson, M.J.
2:40 PM	Visions of the USDA ARS Dale Bumpers National Rice Research Center - Jia, Y.
3:00 PM	Break (The District)

Wednesday, February 19, 2025 - Agronomy and Rice Culture Panel Breakout	
Royal (3rd Floor) - 1:20 pm - 2:40 pm	
Moderator: Manoch Kongchum	
Time	Session
1:20 PM	Irrigation Yield Contest 6-Year Report and Impact - Parker, R.
1:40 PM	Managing As and Cd Simultaneously by Irrigation Management Without Compromising Grain Yield, Nutritional or Processing Qualities - Rohila, J.S.
2:00 PM	Water Management Impacts on Rice's Methane Emissions in Arkansas - Runkle, B.R.K.
2:20 PM	Impacts of Water Savings Irrigation Practices on Metals in Rice - Seyfferth, A.L.

Wednesday, February 19, 2025 - Plant Protection Panel Breakout	
Commerce (3rd Floor) - 1:20 pm - 3:20 pm	
Moderator: Blake Wilson	
Time	Session
1:20 PM	Understanding and Managing the Emerging Rice Kernel Smut Disease - Zhou, X.G.
1:40 PM	Monitoring Fungicide Resistance in Sheath Blight Across Arkansas Rice Fields - Ronning, B.
2:00 PM	Dissecting Genetic Resistance to Narrow Brown Leaf Spot and Cercospora Net Blotch of Rice - Richards, J.K.
2:20 PM	Broad-Spectrum Disease Resistance Obtained from Seed-Priming with the Biological Agent A257 - Ham, J. H.

2:40 PM	Seed Endophytic Bacteria: A New Tool for Protecting Rice from Seedling Blight Pathogens - Khanal, S.
3:00 PM	Elucidating the Role of Seeds as Primary Inoculum of <i>Pantoea Ananatis</i> in Rice Production - Pedrozo, R.

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025 (CONTINUED)

Wednesday, February 19, 2025 - Postharvest Quality, Utilization, and Nutrition Panel Breakout Canal (3rd Floor) - 1:20 pm - 2:20 pm

Moderator: Samuel Olaoni

Time	Session
1:20 PM	SmartProbe Technology for Early Detection of Insect Activity and Product Moisture Management in Rice Processing and Storage Facilities - Khir, R.
1:40 PM	Using Insecticide Netting as a Novel IPM Tactic to Protect Postharvest Rice and Other Stored Products from Insects - Morrison, W.R.
2:00 PM	Management of Insect Pests in Stored Rice - Cook, D.R.

Wednesday, February 19, 2025 - Weed Control and Growth Regulation Panel Breakout Windsor (3rd Floor) - 1:20 pm - 2:20 pm

Moderator: Connor Webster

Time	Session
1:20 PM	Commercialization of a Fenclorim Seed Treatment: What are the Benefits for Midsouth Rice Growers? - Norsworthy, J.K.
1:40 PM	Watergrass (<i>Echinochloa</i> Spp.) in California: Management and Identification - Brim-Deforest, W.B.
2:00 PM	Season-Long Weed Management Program Utilizes Florypyrauxifen-Benzyl in California Rice - Inci, D.

Wednesday, February 19, 2025 - Breeding, Genetics, and Cytogenetics Panel Breakout Fulton (3rd Floor) - 3:40 pm - 5:40 pm

Moderator: Xueyan Sha

Time	Session
3:40 PM	Genome Editing for Increased Lysine Content in Rice Grains - Septiningsih, E.M.
4:00 PM	Pleiotropies on Seed Adaptive and Yield Traits Explain Different Responses to Natural and Artificial Selections Between Red and Purple Pericarp-Color Traits in Rice - Gu, X.-Y.
4:20 PM	Genome-Wide Association Mapping of Agronomic and Grain Quality Traits In Rice - Maulana, F.
4:40 PM	Progress of Japonica Hybrid Rice Breeding - Hanlin, D.

5:00 PM	Unraveling Genetic Loci Associated with Flag Leaf and Panicle Traits in US-Based Diverse Rice Germplasms - Singh, G.
5:20 PM	Blast QTL Ascertained in a Presidio x Oryza Rufipogon Rice Advanced Backcross Population - Eizenga, G.C.

SCHEDULE FOR WEDNESDAY, FEBRUARY 19, 2025 (CONTINUED)

Wednesday, February 19, 2025 - CRISP - RICE Breakout Royal (3rd Floor) - 3:40 pm - 5:40 pm

Moderator: Prasanta Subudhi

Time	Session
3:40 AM	USDA Aus Diversity Panel for Improving Abiotic Stress Tolerance in US Rice Breeding Programs - Rohila, J.S.
3:55 AM	Early-Stage Rice Responses to Drought, Chilling, and eCO ₂ - Bheemanahalli, R.
4:10 AM	Broad-Spectrum Disease Resistance Obtained from Seed-Priming with the Biological Agent A257 - Ham, J.
4:25 AM	Developing a Sustainable Management Program for Stem Borers in Louisiana Rice - Stout, M.
4:40 AM	Optimizing Irrigation for Rice: Strategies for Reducing Water Use and Greenhouse Gases - Smyly, A.
4:55 AM	AI-Driven Generation of Climate-Smart Rice Varieties - Mukhopadhyaya, S.
5:10 AM	Group Discussion

Wednesday, February 19, 2025 - National Rice Research Initiative Discussion Breakout Commerce (3rd Floor) - 3:40 pm - 5:40 pm

Moderator: Yulin Jia

Time	Session
3:40 PM	Introduction of Head Rice Issue - Jia, Y.
3:45 PM	Genomic Technology for Head Rice - Yang, B.
4:00 PM	Impact of Climate, Cultivar Type, and Crop Harvest Timing on Long-Grain Rice Yield and Quality - Wilson, L. T.
4:15 PM	Genetic Factors Affecting Milling Quality - Edwards, J.
4:30 PM	Agronomic and Postharvest Factors that Impact Rice Milling Yields and Quality - Atungulu, G.
4:45 PM	Milling Yields and Grain Quality Data from Rice Breeders - Deleon, T.
5:00 PM	Challenges in Mapping Genetic Markers for Chalkiness in Rice Caryopsis Tissue at High Night Temperatures - Thomas, J.
5:15 PM	Proposal Topics and Volunteer Tasks - Jia, Y.

SCHEDULE FOR THURSDAY, FEBRUARY 20, 2025

**Thursday, February 20, 2025 - Executive Committee Meeting
Parish (3rd Floor) - 8:00 am - 9:00 am**

**Thursday, February 20, 2025 - Closing Session
Fulton (3rd Floor) - 9:00 am - 10:00 am**

DRAFT

POSTERS

Student Posters - Breeding, Genetics, and Cytogenetics

Number	Title
1	Using Deep Learning Algorithms to Predict Nitrogen Response in Rice from RGB Images - Jyoti, S.D., Singh, G., Solano R., Harper C., Yang, Y., Bera, T., Wang, J., Tarpley, L., Samonte, S.O., Zhou, X.G., Septiningsih, E., and Talukder, S.K.
2	Identifying the Optimal Developmental Stage and Salinity Level for Assessing Salt Tolerance During the Reproductive Phase in Rice - Kondi, R.K.R., Pruthi, R., Chapagain, S., Chaudhury, C., Rana, P., and Subudhi, P.K.
3	Investigate the Effects of Diffusible Signals from Different Plant Growth-Promoting Bacteria on Rice - Long, S., Fritz, H.G., Calhoun, M., Bommers, A., Neuhaus, D., Hoggard, S., and Mukherjee, A.
4	Heat Stress Response in Rice Genotypes: Pollen Morphology, Pollen Viability, and Biochemical Changes - Rana, P., Rana, P., Kondi, R.K.R., Chaudhary, C., and Subudhi, P.K.
5	Uncovering Genes in a Rice Germplasm Collection Towards Breeding for Genetic Improvement - Yabes, J.C., Samonte, S.O.PB., Sanchez, D.L., and Prodhan, Z.H.

Student Posters - Plant Protection

Number	Title
6	Factors Associated with Development of Sheath Blight on Field Experimental Settings - Borges, B. R. C., Fritsche-Neto, R., Famoso, A. N., Angira, B., and Dalla Lana, F.
7	Screening for Cercospora Janseana Fungicide Resistance - Escobar, G.A., Searight, J., Richards, J., and Dalla Lana, F.
8	Cover Crops Reduce Yields but Not Pest Populations in the First Year of Rice Production - Gambino, C., Wilson, B.E, and Stout, M.
9	Evaluation of Pyrethroid Susceptibility in Mid-South Rice Stink Bug Populations - Lytle, M.J., Cook, D.R., Crow, W.D., Towles, T.B., Bond, J.A., Gore, J., Catchot, A.L., Bateman, N.R., Floyd, C.A., Chlapecka, J.L., and Bernaola, L.
10	A Meta-Analytic Study of Five Decades of Sheath Blight Chemical Control in Louisiana - Mohottige, D.P., and Dalla Lana, F.
11	Investigating the Molecular Mechanisms Via Which the Plant Growth-Promoting Bacterium, Azospirillum Brasilense, Improves Growth in Salt-Stressed Rice - Neuhaus, D., Calhoun, M., Hoggard, S., Fritz, H.G., Gilkey, A., Long, S., Bommers, A., and Mukherjee, A.
12	Integration of Host Genetic Resistance and Fungicides to Control Cercospora in Rice - Pereira, J. S., Pedrozo, R., Hardke, J., and Nicolli, C.
13	Elucidating the Key Volatiles Involved in Rice - Rice Stink Bug Interactions - Santos, L., Stout, M. J., and Glassmire, A.
14	Investigating the Effect of Silicon on the Occurrence of Rice Insect Pests Using OsLsi1 Rice Mutants Under Field Conditions - Sharma, J., Stout M., and Tai, T.

Student Posters - Postharvest Quality, Utilization, & Nutrition

Number	Title
15	Characteristics of Arabinoxylan in Long-Grain and Medium-Grain Rice Cultivars - Ameyaw, E., and Atungulu, G.

Student Posters - Agronomy and Rice Culture

Number	Title
16	Using an App with Machine Learning for Early Detection of Blast in Rice Crops - Agenjos-Moreno, A., Simeón, R., Rubio, C., Uris, A., Castiñeira-Ibáñez, S., Ricarte, B., Tarrazo-Serrano, D., and San Bautista, A.
17	Mississippi River Basin Healthy Watersheds Initiative Overview for Rice Fields in the Northeast Arkansas Region. - Covington, K.C., Reba, M., Massey, J., Payne, G., Pieri, A., and Barker, T.
18	Evaluation of Starter Nitrogen, Nitrogen Sources, and Timings in Delayed Flooded Rice System - Fluit, J.S., and Kongchum, M.
19	Impact of Mixed Cover Crop Cultivation and Nitrogen Application on Soil Health Parameters in a Louisiana Rice Production System - Guardado, K., Wang, J., Gambino, C., Stout, M., and Subudi, P.
20	Critical Thresholds of Alternate Wetting and Drying on Greenhouse Gas Emissions and Rice Yield - Lasar, H.G. W., Petrowicz, H., Dou, F., and Bronson, K.
21	Furrow and Flood-Irrigated Rice Yield Response to Phosphorus and Potassium Fertilization - Mengez, G.A.L., Drescher, G.L., Roberts, T.L., Hardke, J.T., Sarfaraz, Q., Prado, M.P.R., French, K.S., and Vickmark, H.E.
22	On-Farm Storage Reservoirs: Evaluating Water Quality and Greenhouse Gas Emissions - Mondragon, M., and Reba, M.
23	Methane Emissions Dynamics in Arkansas Rice Production: Effects of Different Water Management Practices and Soil Texture Gradient - Osoko, T.O., Moreno-Garcia, B., Runkle, B.R., Reba, M., and Adviento-Borbe, A.
24	Sustainability Implications of Agricultural Practices for Rice in the Arkansas Delta: A Field-To-Market Approach - Palumbo, M., and Reba, M.
25	Effects of Different Nitrogen Rates on Yield, Nitrogen Use Efficiency, and Greenhouse Gas Emissions Under Alternate Wetting and Drying Management - Petrowicz, H.L., Dou, F., Lloyd, A.W., Lasar, H. G. W., and Ranasinghe Hetti Arachchige, N. H.
26	Incorporating Remote Sensing to Improve Understanding of Climate-Smart Agricultural Practices in Midsouth Rice Production - Price, M.A., Reba, M.L., Torbick, N., and Nowlin, J.
27	Evaluation of the Productivity of Rice and Rice Rotation Systems in Silicon-Enriched Soil Applied with Silica Solubilizing Bacteria - Radam, E., and Tubana, B.

28	Monitoring Rice Canopy Development with Remotely Sensed Visible to Near-Infrared Reflectance - Richardson, W.P., Guan, K., Reba, M.L., and Runkle, B.R.K.
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Student Posters - Agronomy and Rice Culture	
Number	Title
29	Use of Remote Sensing Data and IBER Software for Flood Modeling and Irrigation Management in Rice Cultivation. - Simeón Brocal, R., Agenjos Moreno, A., Rubio Michavila, C., Tarrazó-Serrano, D., García-Serra García, J., Manzano Juárez, J., González Pavón, C., and San Bautista Primo, A.
30	Estimated Soil Health Response to Long-Term Regenerative Rice Production in Eastern Arkansas - Vickmark, H.E., Roberts, T.L., Drescher, G.L., Weisflog, D.A., Prado, M.P.R., and Mengez, G.A.

Student Posters - Weed Control and Growth Regulation	
Number	Title
31	Weed Control Programs in Rice for Hemp Sesbania and Yellow Nutsedge Control - Avent, T.H., Norsworthy, J.K., Ketchum, C.C., Sandoski, C.A., Carvalho-Moore, P., and Scott, R.C.
32	Evaluation of Warrant in Roxy Rice with and without Seed Safeners - Baxley, R., Norsworthy, J.K., Avent, T., Dodde, M., Smith, J., Barber, T., and Scott, B.
33	Crop Response in Louisiana Rice Varieties Following Fluridone Applications - Carr, W.B., Webster, L.C., Stoker, S.B., Hains, M.A., and Sparks, G.R.
34	Teflupyrolimet-Based Weed Control Programs on Silt Loam and Clay Soils - Carvalho-Moore, P., Castner, M.C., Norsworthy, J.K., and Barber, L.T.
35	Effective Palmer Amaranth Management in Furrow-Irrigated Rice with Brake - Dodde, M.R., Norsworthy, J.K., King, T.A., Carvalho-Moore, P., Souza, M.C.C.R, and Barber, L.T.
36	Rice Response to Selected Soil-Applied HPPD Herbicides with and without Potential Safeners - Ketchum, C.C., Norsworthy, J.K., Carvalho-Moore, P., Souza, M.C.C.R, Avent, T., and Baxley, R.C.
37	Season-Long Weed Management with Cliffhanger SC in CA Water-Seeded Rice - Lynch, M., Bernal, A., Estrada, S., and Al-Khatib, K.
38	Evaluating Rindé™ for Improved Barnyardgrass Control in Rice - Malone, J.C., Norsworthy, J.K., Barber, T.L., and Cundiff, G.T.
39	Postemergence Mixtures with Tetflupyrolimet and Clomazone for Improved Weed Control - Pierce, L.P., Norsworthy, J.K., Avent, T.H., Baxley, R.C., Ketchum, C.C., and Herman, W.T.
40	Response of Rice Cultivars to Postemergence Fluridone - Ross, A.D., Norsworthy, J.K., Souza, M.C., Godar, A.S., Carvalho-Moore, P., and Linn, S.L.
41	Mixtures of Tetflupyrolimet and Clomazone for Preemergence Grass Control in Rice (<i>Oryza Sativa</i> L.) - Sparks, G.R., Webster, L.C., Fritsche-Neto, R., Hains, M.P., Stoker, S.B., Carr, W.B., and Williams, E.M.
42	Imazethapyr Soil Persistence in Louisiana Rice Rotation Systems - Stoker, S.B., Webster, L.C., Hains, M.P., Sparks, G.R., Carr, W.B., and Williams, E.M.
43	Zero Day Plant-Back Burndown Programs Using ALS-Inhibiting Herbicides - Williams, E.M., Williams, E.M., Webster, L.C., Stoker, S.B., Hain, M.A., Carr, W.B., and Sparks, G.R.

Breeding, Genetics, and Cytogenetics Posters

Number	Title
44	Effects of Delayed Harvest on Milling Quality of Clearfield Rice - Guo, M., Sha, X., Bulloch, J.A., Beaty, B.A., Hale, K.F., Carr, E.M., and Fortune, S.C.
45	Identification of Rice Genes Involved in Chalkiness, Seed Traits and Disease Resistance - Box, H., Jia, Y., Box, H., Jia, MH. Braithwaite, P. and Burnett, J.
46	Whole Genome Sequence Analysis Reveals Genomic Differences Among Two Salt-Tolerant Rice Genotypes, Pokkali and TCCP, and a Susceptible Genotype IR29 - Chaudhary, C., Kondi, R.K.R., Rana, P., and Subudhi, P.K.
47	Quantitative Trait Loci (Qtl) Associated with the Defense-Primed Resistance of Rice to Bacterial Panicle Blight - Cortes, J.D., Ontoy, J.C., Acharya, A., Bruno, J.S., and Ham, J.H.
48	Integration of Breedbase into Rice Breeding for Improved Management and Analysis of Data - Dartez, V.B., Hernandez, C., Angira, B., and Famoso, A.N.
49	Genetic Dissection and Allele Mining for Yield and Grain Quality Traits in Medium Grain Rice - De Leon, T.B., Sharma, N., Maulana, F., Zaunbrecher, G., and Harrell, D.
50	19Y3128, An Improved High Yielding Calrose with Premium Grain, Cooking, and Eating Qualities - De Leon, T.B., Sharma, N., Maulana, F., Zaunbrecher, G., and Harrell, D.
51	Screening the Presidio x Oryza Rufipogon Rice Advanced Backcross Population for Reaction to Leaf Blast Disease Using Two Techniques - Grunden, Q.P-H., Eizenga, G.C., and Jia, Y.
52	The Affect that Harvest Moisture has on Arkansas Medium Grain Rice Milling Yields - Hale, K.F., Sha, X., Beaty, B.A., Bullock, J., Bounds, W., and Fortune, S.C.
53	An Improved Premium Quality Short Grain Rice - Maulana, F., De Leon, T.B., Sharma, N., Zaunbrecher, G., and Harrell, D.L.
54	Genome-Wide Association Mapping of Agronomic and Grain Quality Traits in Rice - Maulana, F., De Leon, T.B., Sharma, N., Zaunbrecher, G., and Harrell, D.L.
55	Plant Biomass Estimations with Minimal Equipment Using Deep Learning-Based Image Segmentation - Mitchell, J.R., Sookaserm, T.B., Rohila, J.S., Huggins, T.D., Ponniah, S.K., and Edwards, J.D.
56	Genome-Wide Association Studies on Rice Root Architecture Under Natural Cold Conditions - Mondal, S., Ruby, S., Singh, G., Das, S.J., Harper, C.L., Samonte, S.O.P.B., and Talukder S.K.
57	The Genetic Stocks Oryza (GSOR) Germplasm Collection - Moser, J.G., Rice, A., Huggins, T.D., and Jia, Y.
58	Enhancing Genetic Gain Through Recurrent Selection at Texas A&M Agrilife Research - Ponce, K.S., Samonte, S.O.P.B., Sanchez, D.L., Prodhan, Z.H., Perdiguerra, K.C., Bocco, R., Talukder, S.K., and Wilson, L.T.
59	Screening for Potential Basmati-Type Rice Lines at Texas A&M Agrilife Research - Prodhan, Z.H., Samonte, S.O.P.B., Sanchez, D.L., Perdiguerra, K.N.C., Bocco, R., Talukder, S.K., and Wilson, L.T.

60	Developing Jasmine-Type Rice Lines at Texas A&M AgriLife Research - Sanchez, D.L., Samonte, S.O.P.B., Perdiguerra, K.N.C., Prodhan, Z.H., Bocco, R.A.C., Yan, Z., Talukder, S.K., and Wilson, L.T.
61	Genetic Characterization and Phenotypic Evaluation of NeoTrinity Lines - Sanchez, D.L., Samonte, S.O.P.B., Prodhan, Z.H., Perdiguerra, K.N.C., Bocco, R.A.C., and Zhou, X.G.

Breeding, Genetics, and Cytogenetics Posters

Number	Title
62	Assessing the Response of Tropical Japonica Accessions Under Alternate Wetting Drying Conditions Through Hyperspectral Analysis. - Sells, L.J., Huggins, T.D., Edwards, J.D., Rice, A., and Moser, J.
63	The Impact of Heat Stress on Reproductive Stage in California Rice Cultivars - Sharma, N., Martin, J., De Leon, T.B., Maulana, F., Zaunbrecher, G., and Harrell, D.
64	Identification of a Rice Mutant with Increased Sensitivity to the Phytotoxic Metalloid Germanium - Tai, T.H., Magee, S.C., Shim, K.C., Kim, H.J., and Liebscher, A.V.
65	Presence of HPPD Inhibitor Sensitive 1 Gene Mutation in Weedy and Conventional Rice - Zaunbrecher, G.M., Yeltatzie, G.B., Brim-DeForest, W., and Harrell, D.L.

Economics and Marketing Posters

Number	Title
66	Climate Smart Agriculture Practices in Rice Production Systems - Deliberto, M.A., Dimas-Rodriguez, A.M., and Hilbun, B.M.
67	Rice Price Prediction: Economic and Marketing Insights in the US and Louisiana - Goyal, R., and Ayettey, G.

Plant Protection Posters

Number	Title
68	Disease Loss Estimates from the Rice Producing States in The United States: 2023 And 2024 - Allen, T. W., Chapecka, J., Dalla Lana, F., Zhou, X. G., Espino, L., and Nicolli, C. P.
69	Chemical Control of Cercospora Janseana in Rice - Cerutti, A., and Dalla Lana, F.
70	Effect of Tadpole Shrimp on the Establishment of Rice and Rice Weeds - Clark, T., Espino, L., and Brim-DeForest, W.
71	Parasitism of True Armyworm in Rice Fields - Espino, L., and Varela, V.
72	Yield Reduction in Rice Due to Stem Rot in California - Espino, L., and Brim-DeForest, W.
73	Management of Rice Seed Midge in California Rice - Grettenberger, I.G., Goding, K.G, and Espino, L.A.

Postharvest Quality, Utilization, and Nutrition Posters

Number	Title
74	Potential For Pigmented and Aromatic Rice Varieties in Ricemilk - Chaffee, O., Ardoin, R., Lea, J., Sookraj, A., Boue, S., Smith, B., Dupre, R., Olson, D., Broussard, W., and Priddy, D.
75	Effect of Pre-Milling Sample Preparation on Rice Milling Quality of Different Hybrid Rice Varieties - Larazo, W.M., Larazo, N., and Adviento-Borbe, M.A.

76	Assessing Grain Quality Variations Related to Harvest Moisture Content: Exploring Variations Across Genotypes - Perdiguerra, K.N.C., Samonte, S.O.PB., Sanchez, D.L., Prodhan, Md.Z.H., and Bocco, R.
77	Deciphering the Phenolic Constituents of Rice Hull Extracts Using UPLC-qTOF-MS/MS and Their Antioxidant and Cytotoxic Effects Against Estrogen-Dependent Human Breast Cancer Cells - Rana, S., Boue, S.M., Broussard, W., Burow, M., and Elliot, S.,

Agronomy and Rice Culture Posters

Number	Title
78	Influence of Nitrogen Rate on Performance of Selected Varieties in Arkansas - Castaneda-Gonzalez, E., Clayton, T.L., Frizzell, D.L., Hartley, H., Smith, T.M., and Hardke, J.T.
79	Overview of Missouri Rice Verification Program - Chlapecka, R. M., and Chlapecka, J. L.
80	Response of Selected Rice Cultivars to Planting Date, 2022-2024 - Clayton, T.L., Castaneda-Gonzalez, E., Frizzell, D.L., Hartley, H., Smith, T., and Hardke, J.T.
81	Arkansas Rice Performance Trials, 2022-2024 - Frizzell, D.L., Hartley Garrison, H.E., Castaneda-Gonzalez, E., Clayton, T.L., Smith T.M., and Hardke, J.T.
82	The Importance of Accurate Soil Sampling and Its Representativeness for Field Studies in Commercial Rice Farms - Gomez-Prats, M., Moreno-García, B., Reba, M.L., and Runkle, B.R.K.
83	Influence of Seeding Rate on Performance of New Rice Cultivars - Hartley, H., Frizzell, D.L., Clayton, T.L., Castaneda-Gonzalez, E., Smith, T., Hardke, J.T.
84	Is Mid-Season N Application Necessary in the Drill-Seeded, Delayed Flood Rice System? - Kongchum, M., Fluitt, J., and Harrell, D.
85	Evaluating Winter Cover Crops in California Rice Systems - Leinfelder-Miles, M., Baez Vega, C., Roseberg, S., Espino, L., Linquist, B., and Brim-DeForest, W.
86	A Five-Year Summary of the University of Arkansas Rice Research Verification Program - Mazzanti, R.S., Hardke, J.T., and Watkins, K.B.
87	Greenhouse Gas Emissions from Furrow Rice Using Tailwater Recovery System - Mendez, K., Quiñones, C., Larazo, N., Larazo, W., Adviento-Borbe, M.A.A., Dhakal, M., Massey, J.H., Reba, M., and Krutz, J.
88	Site Selection of Water Level Sensors for Rice Irrigation Automation - Payne, G.K., and Massey, J.H.
89	Greenhouse Gas Emissions of Six Rice Cultivars in Drill Seeded Rice - Quinones, C.O., Adviento-Borbe, M.A.A., Larazo, N. A., Larazo, W.M., and Mendez, K.S.
90	Comparative Analysis of Greenhouse Gas Flux Measurement Techniques in Rice Fields - Ranniku, R., Moreno-García, B., Osoko, T.O., Adviento-Borbe, A., Reba, M.L., and Runkle, B.R.K.
91	Phosphorus and Potassium Fertilization Influence on Rice Nutritional Status and Grain Yield in Flooded and Furrow Irrigated Systems - Sarfaraz, Q., Drescher, G.L., Roberts, T.L., Hardke, J.T., Smartt, A.D., Weisflog, D.A., and Shafer, J.B.
92	Impact of Biochar on Rice Grain Yield and Nutrient Uptake - Scott, C.L., Roberts, T.L., Williamson, S.M., Drescher, G.L., Weisflog, D.A., Hoegenauer, K.A., Smartt, A.D., and Shafer, J.B.

93	Yield Responses of Pure-Line and Hybrid Rice to Long-Term Annual Potassium Fertilization - Smartt, A.D., Drescher, G.L., Roberts, T.L., Hardke, J.T., Slaton, N.A., Shafer, J.B., Castaneda-Gonzalez, E., Weisflog, D.A., Sarfaraz, Q, and Williamson, S.M.
94	Improving Soil Property Prediction for Rice Paddies from Measured Nutrient Values - Sun, H., Moreno-Garcia, B., Seyfferth, A.L., Reba, M.L., Linqvist, B.A., Kongchum, M., and Runkle, B.R.K.
95	Assessing Phosphorus Use Efficiency in Rice Varieties Grown in Florida - Vanweelden, M.T., Bhadha, J., Manirakiza, N., and Melkani, S.

Agronomy and Rice Culture Posters

Number	Title
96	Empowering Young Scholars in Nitrogen Management for Organic Ratoon Rice - Weathington, M., Vernon, J.D., Bera, T., Yang, Y., Dou, F., Zhou, X.G., and Wilson, L.T.
97	Multi-Year Correlation of Post Flood Crop Sensor Readings with Rice Y Leaf Total Nitrogen and Yield - Williamson, S.M., Roberts, T.L., Drescher, G.L., Smartt, A.D., Smith, D.A., Scott, C.L., and Hardke, J.T.
98	Achieving Low Greenhouse Gas Emissions in Non-Flooded Rice Through Effective N Fertilizer Management - Woodruff, R.C., Larazo, N., Larazo, W.M., and Adviento-Borbe, M.A.
99	Enhancing Yield and Water Use Efficiency with Tailwater Recovery in Furrow-Irrigated Rice - Darikandeh, D., Henry, C.G., Pimentel, J.P., Brye, K.R., and Ashworth, A.J.

Weed Control and Growth Regulation Posters

Number	Title
100	Weed Populations in Reduced Tillage Rice in California: A Preliminary Evaluation - Brim-Deforest, W.B. Linqvist, B.A., and Espino, L.E.
101	Evaluating Control of Volunteer Rice with Postemergence Herbicides - Herrman, W.T. Norsworthy, J.K., Barber, L.T., Scott, R.C., Pamela, C.M., and Avent, T.H.
102	Assessing Herbicide Application Programs for Weed Control and Yield Improvement in New Rice Varieties - Zhou, X.-G. Samford, J., and Bagavathiannan, M.

CONCURRENT SESSIONS

Tuesday, February 18, 2025 - 1:30 pm

Panel	Location	Presenter	Title
Student - Breeding, Genetics, & Cytogenetics	Fulton	Furlan, F.J.F.	Yield Linkage Drag Associated with the Introgression of the SD1 Semi-Dwarf Allele in Us Long Grain Germplasm
Student - Economics & Marketing/Postharvest Quality	Royal	Klawinsky, K.M.	Examining the Differences in USDA Cost of Production for Rice
Student - Weed Control & Growth Regulation	Canal	Avent, T.H.	ACCase Resistance Progression in Weedy Rice and Barnyardgrass Since 2022
Student - Agronomy & Rice Culture	Commerce	Ablao, A.A.	Potential Seeding Rate Alterations to Maximize Profitability in Furrow-Irrigated Rice
Student - Plant Protection	Windsor	Goetze, P.K.	Yeast as a Biological Control for Rice Kernel Smut

Tuesday, February 18, 2025 - 1:45 pm

Panel	Location	Presenter	Title
Student - Breeding, Genetics, & Cytogenetics	Fulton	Bhattarai, K.	Genomic Selection of Seed Dormancy to Improve Germinability of Hybrid Seeds in Rice
Student - Economics & Marketing/Postharvest Quality	Royal	Castillo, C.	Identifying Factors that Separate the Profitable from Unprofitable Rice Farms
Student - Weed Control & Growth Regulation	Canal	Ross, A.D.	Addressing Suspected Resistance of White Margin Sedge to ALS-Inhibiting Herbicides
Student - Agronomy & Rice Culture	Commerce	Vickmark, H.E.	Yield and Nutrient Uptake Response to Cover Cropping in Zero-Grade, Flood-Irrigated Rice
Student - Plant Protection	Windsor	Mangialardi, G.A.	Sheath Blight Management in Mississippi Furrow Irrigated Rice

Tuesday, February 18, 2025 - 2:00 pm

Panel	Location	Presenter	Title
Student - Breeding, Genetics, & Cytogenetics	Fulton	Xu, H.	Transcriptomic Analysis of Genes Regulated by SLENDER RICE1 in Embryos of Germinating Seeds in Rice
Student - Economics & Marketing/Postharvest Quality	Royal	Ameyaw, E.	Dehydration of Rice Bran Protein Isolate Using Novel Vacuum-Assisted Microwave Drying Techniques
Student - Weed Control & Growth Regulation	Canal	Baxley, R.	Influence of Bleacher Herbicides on Rice with and without Seed Treatment Safeners
Student - Agronomy & Rice Culture	Commerce	Bessa De Lima, G.H.	Understanding Nutrient Uptake Timing and Demand from Recently Released Rice Cultivars Planted in the Arkansas Delta
Student - Plant Protection	Windsor	Khan, M.D.	Compatibility of Insecticidal Seed Treatment and Host Plant Resistance in Management of Stem Borer in Rice.

Tuesday, February 18, 2025 - 2:15 pm

Panel	Location	Presenter	Title
Student - Breeding, Genetics, & Cytogenetics	Fulton	Rana, P.	Genome-Wide Association Study for Early Morning Flowering Trait in an AUS Rice Panel
Student - Economics & Marketing/Postharvest Quality	Royal	Chukkapalli, D.	Engineering Functional High-Value Food Ingredients from Rice Milling Byproducts in Insect Diets
Student - Weed Control & Growth Regulation	Canal	Malone, J.C.	Evaluation of Safeners for Group 15 Herbicides Applied as a Seed Treatment in Rice
Student - Agronomy & Rice Culture	Commerce	Eubank, T.W.	Nitrogen Rate and Split Application Timings in Mississippi Furrow-Irrigated Rice
Student - Plant Protection	Windsor	Musgrove, T.R.	Determining the Impact of Resistant Cultivars Against the Rice Billbug (<i>Sphenophorus Pertinax</i> Olivier) in Furrow-Irrigated Rice (<i>Oryza Sativa</i> L.)

Tuesday, February 18, 2025 - 2:30 pm

Panel	Location	Presenter	Title
Student - Breeding, Genetics, & Cytogenetics	Fulton	Kondi, R.K.R.	Candidate Gene Analysis for Alkalinity Tolerance Using QTL-Seq Approach in Rice
Student - Economics & Marketing/Postharvest Quality	Royal	Ouma, F.A.	Exploring GABA Enrichment of Instantized Brown Rice Through Germination Treatments
Student - Weed Control & Growth Regulation	Canal	Sparks, G.R.	A New Cyperaceae Genus Infesting Louisiana Rice (<i>Oryza Sativa</i> L.)
Student - Agronomy & Rice Culture	Commerce	Mengez, G.A.L.	Rice Yield Response to Phosphorus and Potassium Fertilizer Application Timing
Student - Plant Protection	Windsor	Osako, M.	Rice Growth Stage Influences the Vulnerability of Rice Plants to Infestation by Mexican Rice Borer Larvae

Tuesday, February 18, 2025 - 2:45 pm

Panel	Location	Presenter	Title
Student - Breeding, Genetics, & Cytogenetics	Fulton	Manangkil, J.M.	Genetic Characterization of the Quantitative Inheritance of Sheath Blight (<i>Rhizoctonia Solani</i> Kühn) Resistance in Rice (<i>Oryza Sativa</i>) Under Field Conditions
Student - Economics & Marketing/Postharvest Quality	Royal	Guimaraes, B.P.	Exploring Malted Rice as a Novel Brewing Ingredient
Student - Weed Control & Growth Regulation	Canal	Dodde, M.R.	Does Application Timing Effect Rice Tolerance to Brake in a Flooded Rice System?
Student - Agronomy & Rice Culture	Commerce	Petrowicz, H.L.	Effects of Different Nitrogen Rates on Yield, Nitrogen Use Efficiency, and Greenhouse Gas Emissions Under Alternate Wetting and Drying Management
Student - Plant Protection	Windsor	Agpawa, E.	Field Varietal Performance Against the Rice Stink Bug, <i>Oebalus Pugnax</i>

Tuesday, February 18, 2025 - 3:00 pm

Panel	Location	Presenter	Title
Student - Economics & Marketing/Postharvest Quality	Royal	Olaoni, S.	Case Studies of Rapid Milling Yield Assessment Using New AI-Based Tools
Student - Weed Control & Growth Regulation	Canal	Carr, W.B.	Crop Response of Provisia Rice Systems in Overcast Weather
Student - Agronomy & Rice Culture	Commerce	Nuwan, R.H.A.N.	Nutrient Uptake and Structural Analysis of Rice Under Zinc-Based Nanomaterial Application: A Study Using Visual Imaging at the Nanoscale
Student - Plant Protection	Windsor	Fletcher, W.A.	Evaluating Defoliation Thresholds and the Efficacy of Foliar Insecticide Applications for Control of Armyworms in Rice

Tuesday, February 18, 2025 - 3:45 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Huggins, T.D.	Identification of Useful Genomic Regions in a Tropical Japonica Core Collection for U.S. Rice Breeding Programs
Agronomy & Rice Culture	Royal	Adviento-Borbe, M.A.A.	Hybrid Rice Selection for Carbon Net Negative Emissions in Drill Seeded Rice
Student - Weed Control & Growth Regulation	Canal	Herrman, W.T.	Evaluating the Impact of Weedy Rice on Rice Yields
Student - Agronomy & Rice Culture	Commerce	Smith, T. M.	Validation of Rice Tissue Sampling for In-Season Nutrient Management of Nitrogen, Phosphorus, and Potassium
Student - Plant Protection	Windsor	Maris, P.G.	Rice Water Weevil Scouting Methods and the Efficacy of Foliar Insecticide Applications Applied Pre and Post Flood

Tuesday, February 18, 2025 - 4:00 pm

Panel	Location	Presenter	Title
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Student - Weed Control & Growth Regulation	Canal	King, T.A.	Weed Control in Furrow-Irrigated Rice with Oxyfluorfen-Based Herbicide Programs
Student - Agronomy & Rice Culture	Commerce	Lasar, H.G.W.	Achieving High-Yield, Low-Emission Rice Farming: Does Alternate Wetting and Drying Offer the Solution?
Student - Plant Protection	Windsor	Linn, J.B.	Evaluating the Effect of Insecticide Treated Seed for Managing Rice Water Weevil (Coleoptera: Curculionidae) in Alternate Wetting Drying Rice Systems

Tuesday, February 18, 2025 - 4:05 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Edwards, J.E.	Uncovering Hidden Introgressions: Optimizing Breeding Strategies in US Long-Grain Rice
Agronomy & Rice Culture	Royal	Adviento-Borbe, M.A.A.	Reduction of Greenhouse Gas Emissions and Grain Arsenic Through Water-Saving Technologies in Drill Seeded Rice

Tuesday, February 18, 2025 - 4:15 pm

Panel	Location	Presenter	Title
Student - Weed Control & Growth Regulation	Canal	Dodd, J.B.	Including Tetflupyrolim in Herbicide Programs in Flooded Mississippi Rice
Student - Agronomy & Rice Culture	Commerce	Smyly, A.C.	Evaluating Agronomic Characteristics and Water Usage of Four Irrigation Regimes in Furrow-Irrigated Rice
Student - Plant Protection	Windsor	Lytle, M.J.	Best Management Practices for Pyrethroid Resistant Rice Stink Bugs in the Mid-South

Tuesday, February 18, 2025 - 4:25 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Manigbas, N.L.	Breeding Better Rice for High Temperature and Other Abiotic Stresses Tolerance in the Philippines and Current Issues on Variety Performance as Affected by Climate Change
Agronomy & Rice Culture	Royal	Bera, T.	Balancing Productivity and Emission Reductions in Texas Organic Ratoon Rice Farming

Tuesday, February 18, 2025 - 4:30 pm

Panel	Location	Presenter	Title
Student - Weed Control & Growth Regulation	Canal	Stoker, S.B.	Alternative Application Methods of Tetflupyrolimet in Louisiana Rice

Student - Agronomy & Rice Culture	Commerce	Munkaila M.	Effect of High Night Temperature on Metabolite Accumulation in Rice Pollen Development
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Tuesday, February 18, 2025 - 4:45 pm			
Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Borges, K.L.R.	Genetic Selection for Sustainable Quantitative Resistance to Narrow Brown Leaf Spot in U.S.
Agronomy & Rice Culture	Royal	Habib, M.A.	Greenhouse Gas Emissions in Bangladeshi Rice Cultivation: Impact of Water Management Practices
Student - Weed Control & Growth Regulation	Canal	Whitt, D.R.	Influence of Tetflupyrolimet on Agronomic Performance of Southern Crops
Student - Agronomy & Rice Culture	Commerce	Carroll, S.R.	Fish Cultivation in Fallow Season Rice Fields: Effects on CH4 Emissions

Tuesday, February 18, 2025 - 5:00 pm			
Panel	Location	Presenter	Title
Student - Weed Control & Growth Regulation	Canal	Ketchum, C.C.	Residual Grass Control with Tetflupyrolimet Versus Clomazone and Quinclorac in Midsouth Rice

Tuesday, February 18, 2025 - 5:05 pm			
Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Talukder S.K.	Exploring Morpho-Genetic Variability of Seedling Cold Tolerance Traits in Rice (<i>Oryza Sativa</i> L.) for Ratoon Enhancement
Agronomy & Rice Culture	Royal	Della Lunga, D.	Greenhouse Gas Emissions from Rice Production in Arkansas

Tuesday, February 18, 2025 - 5:15 pm			
Panel	Location	Presenter	Title
Student - Weed Control & Growth Regulation	Canal	Carvalho-Moore, P.	Does Rogue Bring Value to Quizalofop-Resistant Rice Programs?

Tuesday, February 18, 2025 - 5:25 pm

Panel	Location	Presenter	Title
Agronomy & Rice Culture	Royal	Kongchum, M.	Methane Emissions from Climate-Smart Rice Production Practices in Southwest Louisiana

Tuesday, February 18, 2025 - 5:30 pm

Panel	Location	Presenter	Title
Student - Weed Control & Growth Regulation	Canal	Pierce, L.D.	Evaluation of Preemergence-Applied HPPD Inhibitors and Diflufenican in Rice with and without Fenclorim

Wednesday, February 19, 2025 - 8:00 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Richards, J.K.	Whole-Genome Sequencing of the LSU380 Panel Sheds Light onto Rice Breeding Germplasm Diversity
Agronomy & Rice Culture	Royal	Chlapecka, J.L.	Planting Date Considerations for the Upper Mid-South
Plant Protection	Commerce	Bateman, N.R.	Managing Pyrethroid Resistant Rice Stink Bug
Postharvest Quality, Utilization, & Nutrition	Canal	Atungulu, G.	Replacing Rice Tempering with Microwave Technology in Crossflow Column Dryers: A Laboratory Feasibility Study
Economics & Marketing	Windsor	Durand-Morat, A.	Impact Of DR-CAFTA on the US Long-Grain Rice Sector

Wednesday, February 19, 2025 - 8:20 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Angira, B.	Development of Elite US Rice Breeding Lines with Three New Broad Spectrum Blast Resistance Genes
Agronomy & Rice Culture	Royal	Hardke, J.T.	Seeding Rate and Nitrogen Fertilization of Hybrid Rice Cultivars in Arkansas
Plant Protection	Commerce	Sarkar, N.	Evaluating Varietal Resistance for Managing the Rice Delphacid in Texas Rice
Postharvest Quality, Utilization, & Nutrition	Canal	Olaoni, S.	Analyzing Milling Behavior and Industrial Appraisal Standards for Conventional and Hybrid Long- and Medium-Grain Rice Cultivars
Economics & Marketing	Windsor	Yang, Y.	Testing the Hedging Pressure Hypothesis in U.S. Rice Futures Prices

Wednesday, February 19, 2025 - 8:40 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Famoso, A.	Implementation of Genomic Selection in the LSU Rice Breeding Program
Agronomy & Rice Culture	Royal	Linquist, B.A.	Exploring No-Till Options in California's Direct Seeded Rice Systems
Plant Protection	Commerce	Stout, M. J.	Cultural Practices for Managing Stem-Boring Lepidopterans in Rice
Postharvest Quality, Utilization, & Nutrition	Canal	Ameyaw, E.	Optimizing Parboiling Parameters and Quality Characteristics of Modern Rice Cultivars
Economics & Marketing	Windsor	Badarch, B.	Expected Rice Returns in Different Planting Windows: Stochastic Efficiency with Risk Function (SERF).

Wednesday, February 19, 2025 - 9:00 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Punzalan, J.	Leveraging Seven Years of Data to Enhance Genomic Selection Accuracy in LSU's Rice Breeding Program
Agronomy & Rice Culture	Royal	Wilson, L.T.	Effects of Management Practices and Abiotic Stressors on Rice Yield and Grain Quality
Plant Protection	Commerce	Towles, T.B.	Management of Rice Water Weevil in Mississippi Rice
Postharvest Quality, Utilization, & Nutrition	Canal	Mendoza, P.T.	Classification of Rice by Bran Color: A Non-Destructive and Rapid Approach Using NIR Spectroscopy
Economics & Marketing	Windsor	Nalley, L.	Precise Nitrogen Recommendations Improve Economic and Environmental Outcomes in Rice Production

Wednesday, February 19, 2025 - 9:20 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Subudhi, P.K.	Genomic Analysis of a Salt-Tolerant Introgression Line of Rice Reveals Genetic Mechanisms for Adaptation to Saline Environments
Agronomy & Rice Culture	Royal	Lamichhane, S.	Development of Method for Determination of Nitrogen Status of Rice Leaves Using Reflectance in Short Wave Infrared Range
Plant Protection	Commerce	Espino, L.	Monitoring Armyworm in California Rice and Relationship Between Number of Adults Caught in Pheromone Traps and Larval Counts
Postharvest Quality, Utilization, & Nutrition	Canal	Ouma, F.A.	A New Way to Meet Consumer Appetite and Convenience for Rice Through Instantization: Optimizing Cultivar Selection

Economics & Marketing	Windsor	Watkins, K.B.	An Economic Risk Analysis of Alternative Rice Irrigation Systems in Eastern Arkansas Under Varying Pump Lifts
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Wednesday, February 19, 2025 - 9:40 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Tai, T.H.	Identification of a Novel Mutant Allele of the LIKE EARLY STARVATION 1 Gene in Rice
Agronomy & Rice Culture	Royal	Trevino, M.	The Effects of Nitrogen on Ratoon Yield and Head Rice Yield in Texas
Plant Protection	Commerce	Lipsey, H.L.	Billbug Management in Mississippi Rice
Postharvest Quality, Utilization, & Nutrition	Canal	Atungulu, G.	Blend Matters: Impact of Blending Rice Cultivars on Milling Yield, Physicochemical Attributes & End-Use Functionality

Wednesday, February 19, 2025 - 10:00 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Jia, M.H.	Prevalence of Blast, Quality Genes and Traits in the Uniform Regional Rice Nursery (URRN)
Agronomy & Rice Culture	Royal	Limmer, M.A.	Effect of Water and Residue Management on Soil Health
Plant Protection	Commerce	Wilson, B.E.	Reduced Efficacy of Insecticidal Seed Treatments in Louisiana Rice
Postharvest Quality, Utilization, & Nutrition	Canal	Perdiguerra, K.N.C.	Evaluation of Resistant Starch Content in High-Amylose, Basmati, and Jasmine Rice Genotypes

Wednesday, February 19, 2025 - 10:40 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Samonte, S.O.Pb.	Development of High-Amylose Rice at Texas A&M AgriLife Research
Agronomy & Rice Culture	Royal	Henry, C.	State of the Science in the Pitless Tailwater Pump Furrow Irrigated Rice System
Plant Protection	Commerce	Dalla Lana, F.	Chemical Control of Rice Diseases in Louisiana: Challenges and Opportunities
Postharvest Quality, Utilization, & Nutrition	Canal	Lafontaine, S.R.	Exploring the Influence of Rice Beer Quality
Economics & Marketing	Windsor	Mane, R.U.	Economic Analysis of Fertilizer Use for Furrow Irrigated Rice (FIR) And Flooded Rice Production Systems in Arkansas

Wednesday, February 19, 2025 - 11:00 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	De Guzman, C.	Development of New and Potential Long Grain and Aromatic Rice Varieties in Arkansas

Agronomy & Rice Culture	Royal	Massey, J.H.	Logistics of Irrigation Pump Shut Off and Well-Switching: A Case Study.
Plant Protection	Commerce	Nicolli, C.1	Plant Pathology Challenges in Arkansas: Blast and Cercospora
Postharvest Quality, Utilization, & Nutrition	Canal	Olaoni, S.	Assessment of a New Nondestructive Method to Measure Rice Chalk Content Based on Rough Rice Properties
Economics & Marketing	Windsor	Lambert, E.J.	Evaluating Insurance Changes in the Farmer Act of 2024 on U.S. Rice Farms

Wednesday, February 19, 2025 - 11:20 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Sha, X.	Fast-Track Breeding of the Provisia Long Grain Variety PVI04
Agronomy & Rice Culture	Royal	Moreno-García, B.	Testing Rice Irrigation Water Savings Practices at the Field Scale: Challenges and Lessons Learned
Plant Protection	Commerce	De Paula, S.	Updating the Rice Blast Races (<i>Pyricularia Oryzae</i>) Present in Arkansas
Postharvest Quality, Utilization, & Nutrition	Canal	Chukkapalli, D.	Analyzing Milled Rice Breakage Patterns Under Diverse Environmental Conditions

Wednesday, February 19, 2025 - 11:40 am

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	De Leon, T.B.	Rice Grain Quality Evaluation in RES Breeding Program
Agronomy & Rice Culture	Royal	Jia, Y.	Two-Year Studies of Raising Fish in Rice Fields in Arkansas
Plant Protection	Commerce	Ferreira, A. C. B.	Screening Arkansas Rice Cultivars for Resistance to Leaf Blast

Wednesday, February 19, 2025 - 1:20 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Sanchez, D.L.	Genomic Regions Associated with Rice Grain Shape-Related Traits
Agronomy & Rice Culture	Royal	Parker, R.	Irrigation Yield Contest 6-Year Report and Impact
Plant Protection	Commerce	Zhou, X.G.	Understanding and Managing the Emerging Rice Kernel Smut Disease

Postharvest Quality, Utilization, & Nutrition	Canal	Khair, R.	SmartProbe Technology for Early Detection of Insect Activity and Product Moisture Management in Rice Processing and Storage Facilities
Weed Control & Growth Regulation	Windsor	Norsworthy, J.K.	Commercialization of a Fenclorim Seed Treatment: What are the Benefits for Midsouth Rice Growers?

Wednesday, February 19, 2025 - 1:40 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Thomas, J.	Genetic Markers and Transcriptome Studies During Grain-Filling of Caryopsis Tissue Reveal that Rice Chalky Grain Growth is Controlled by Numerous Regulatory Pathways at High Night Temperatures
Agronomy & Rice Culture	Royal	Rohila, J.S.	Managing As and Cd Simultaneously by Irrigation Management Without Compromising Grain Yield, Nutritional or Processing Qualities
Plant Protection	Commerce	Ronning, B.	Monitoring Fungicide Resistance in Sheath Blight Across Arkansas Rice Fields
Postharvest Quality, Utilization, & Nutrition	Canal	Morrison, W.R.	Using Insecticide Netting as a Novel IPM Tactic to Protect Postharvest Rice and Other Stored Products from Insects
Weed Control & Growth Regulation	Windsor	Brim-Deforest, W.B.	Watergrass (Echinochloa Spp.) in California: Management and Identification

Wednesday, February 19, 2025 - 2:00 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Baisakh, N.	Marker-Trait Associations for Cold Tolerance Traits in U.S. Rice
Agronomy & Rice Culture	Royal	Runkle, B.R.K.	Water Management Impacts on Rice's Methane Emissions in Arkansas
Plant Protection	Commerce	Richards, J.K.	Dissecting Genetic Resistance to Narrow Brown Leaf Spot and Cercospora Net Blotch of Rice
Postharvest Quality, Utilization, & Nutrition	Canal	Cook, D.R.	Management of Insect Pests in Stored Rice

Weed Control & Growth Regulation	Windsor	Inci, D.	Season-Long Weed Management Program Utilizes Florpyrauxifen-Benzyl in California Rice
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Wednesday, February 19, 2025 - 2:20 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Thomson, M.J.	CRISPR-Based Genome Editing for Flowering Time in Rice
Agronomy & Rice Culture	Royal	Seyfferth, A.L.	Impacts of Water Savings Irrigation Practices on Metals in Rice
Plant Protection	Commerce	Ham, J. H.	Broad-Spectrum Disease Resistance Obtained from Seed-Priming with the Biological Agent A257

Wednesday, February 19, 2025 - 2:40 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Jia, Y.	Visions of the USDA ARS Dale Bumpers National Rice Research Center
Plant Protection	Commerce	Khanal, S.	Seed Endophytic Bacteria: A New Tool for Protecting Rice from Seedling Blight Pathogens

Wednesday, February 19, 2025 - 3:00 pm

Panel	Location	Presenter	Title
Plant Protection	Commerce	Pedrozo, R.	Elucidating the Role of Seeds as Primary Inoculum of <i>Pantoea Ananatis</i> in Rice Production

Wednesday, February 19, 2025 - 3:40 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Septiningsih, E.M.	Genome Editing for Increased Lysine Content in Rice Grains
CRISP RICE Discussion	Royal	Rohila, J.S.	USDA Aus Diversity Panel for Improving Abiotic Stress Tolerance in US Rice Breeding Programs
National Rice Research Initiative Discussion	Commerce	Jia, Y.	Introduction of Head Rice Issue

Wednesday, February 19, 2025 - 3:45 pm

Panel	Location	Presenter	Title
National Rice Research Initiative Discussion	Commerce	Yang, B.	Genomic Technology for Head Rice

Wednesday, February 19, 2025 - 3:55 pm

Panel	Location	Presenter	Title
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CRISP RICE Discussion	Royal	Bheemanahalli, R.	Early-Stage Rice Responses to Drought, Chilling, and eCO ₂
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Wednesday, February 19, 2025 - 4:00 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Gu, X.-Y.	Pleiotropies on Seed Adaptive and Yield Traits Explain Different Responses to Natural and Artificial Selections Between Red and Purple Pericarp-Color Traits in Rice
National Rice Research Initiative Discussion	Commerce	Wilson, L. T.	Impact of Climate, Cultivar Type, and Crop Harvest Timing on Long-Grain Rice Yield and Quality

Wednesday, February 19, 2025 - 4:10 pm

Panel	Location	Presenter	Title
CRISP RICE Discussion	Royal	Ham, J.	Broad-Spectrum Disease Resistance Obtained from Seed-Priming with the Biological Agent A257

Wednesday, February 19, 2025 - 4:15 pm

Panel	Location	Presenter	Title
National Rice Research Initiative Discussion	Commerce	Edwards, J.	Genetic Factors Affecting Milling Quality

Wednesday, February 19, 2025 - 4:20 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Maulana, F.	Genome-Wide Association Mapping of Agronomic and Grain Quality Traits in Rice

Wednesday, February 19, 2025 - 4:25 pm

Panel	Location	Presenter	Title
CRISP RICE Discussion	Royal	Stout, M.	Developing a Sustainable Management Program for Stem Borers in Louisiana Rice

Wednesday, February 19, 2025 - 4:30 pm

Panel	Location	Presenter	Title
National Rice Research Initiative Discussion	Commerce	Atungulu, G.	Agronomic and Postharvest Factors that Impact Rice Milling Yields and Quality

Wednesday, February 19, 2025 - 4:40 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Hanlin, D.	Progress of Japonica Hybrid Rice Breeding
CRISP RICE Discussion	Royal	Smyly, A.	Optimizing Irrigation for Rice: Strategies for Reducing Water Use and Greenhouse Gases

Wednesday, February 19, 2025 - 4:45 pm

Panel	Location	Presenter	Title
National Rice Research Initiative Discussion	Commerce	Deleon, T.	Milling Yields and Grain Quality Data from Rice Breeders

Wednesday, February 19, 2025 - 4:55 pm

Panel	Location	Presenter	Title
CRISP RICE Discussion	Royal	Mukhopadhyaya, S.	AI-Driven Generation of Climate-Smart Rice Varieties

Wednesday, February 19, 2025 - 5:00 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Singh, G.	Unraveling Genetic Loci Associated with Flag Leaf and Panicle Traits in US-Based Diverse Rice Germplasms
National Rice Research Initiative Discussion	Commerce	Thomas, J.	Challenges in Mapping Genetic Markers for Chalkiness in Rice Caryopsis Tissue at High Night Temperatures

Wednesday, February 19, 2025 - 5:20 pm

Panel	Location	Presenter	Title
Breeding, Genetics, & Cytogenetics	Fulton	Eizenga, G.C.	Blast QTL Ascertained in a Presidio x Oryza Rufipogon Rice Advanced Backcross Population