

Thursday Afternoon, February 15

Fecal Near Infra-Red Spectroscopy for Monitoring Rangeland Herbivores Symposium Thursday February 15, 1:00 PM-5:00 PM Bonanza A

Organizer: Walker, John, Texas A&M University, College Station, TX,
Moderators: Walker, John, Doug Tolleson, Texas A&M University, College
Station, TX,

- 1:00 Recognition of Jerry Stuth's Contribution to Development of Fecal NIRS and Contribution of Fecal NIRS to Range Management 587SH
- 1:10 Historic Overview of Development of Fecal NIRS Sam Coleman ¹. ¹ USDA ARS Subtropical Agricultural Research Station Brooksville, FL. 588SH
- 1:40 Predicting Botanical Composition of Ruminant Diets with Fecal Near Infrared Reflectance Spectroscopy John W Walker ¹ and Serge-Yan Landau ². ¹Texas Agricultural Experiment Station San Angelo, Texas, ²Department of Natural Resources and Agronomy Bet Dagan, Israel, Israel. 589SH
- 2:10 Fecal NIRS to Predict Diet Quality in Grazing Animals Robert K Lyons . 590SH
- 2:40 Fecal NIRS Calibration for Forage and Supplement Fed Cattle: the Northern Australian Experience David Coates ¹ and Rob Dixon ². ¹ CSIRO Sustainable Ecosystems, Davies Laboratory, PMB P.O., Aitkenvale Townsville, Queensland, Australia, ² QDPI&F, P.O. Box 6014 Rockhampton, Queensland, Australia. 591SH
- 3:10 Break
- 3:30 Fecal NIRS for the Study of Goat Nutrition In a Shrubland Rich in Pistacia Lentiscus S. Y Landau ¹, T. A Glasser ¹, E. D Ungar ¹, A. Perevolotsky ¹, H. Muklada ¹ and J. W Walker ². ¹Department of Natural Resources and Agronomy Bet Dagan, Israel, Israel, ² Texas Agricultural Experiment Station San Angelo, Texas. 593SH
- 4:00 Fecal NIRS: What Else? What Next? Douglas R Tolleson ¹. ¹ Department of Rangeland Ecology and Management College Station, TX. 594SH
- 4:30 Statistical Evaluation of Fecal NIRS Calibrations David W Hopkins ¹. ¹ NIR Consultant Battle Creek, MI. 595SH