Sunday, December 11th

9:00 a.m. – 5:00 p.m. – REGISTRATION (Location: The Crystal Ballroom Foyer near the marble staircase, 5th Floor)

9:30 a.m. – 12:45 p.m. – Authors set up posters (Location: Wright Ballroom, 4th Floor)

1:00 p.m. – Opening Remarks – Tom Anderson, Co-chair, USWBSI

SESSION 1: HOST PLANT RESISTANCE AND VARIETY DEVELOPMENT (HPR/VD) SESSION
(Location: Empire Ballroom, 5th Floor)

CHAIRPERSON: Paul Murphy, North Carolina State University, Raleigh, NC, USA

1:05 p.m. – Mike Davis, American Malting Barley Association, Milwaukee, WI, USA
Impact of Fusarium Head Blight (Scab) on the Midwest Malting Barley Industry.

1:25 p.m. – Kevin Smith, Department of Agronomy and Plant Genetics, University of Minnesota, St. Paul, MN, USA
Evaluation of Breeding Strategies for Enhancing FHB Resistance in Barley.

1:45 p.m. – Anne McKendry, Department of Agronomy, University of Missouri, Columbia, MO, USA
Sources of Fusarium Head Blight Resistance in Wheat: Diversity and Utilization.

* Oral Presentations will take place in the Crystal Ballroom. Poster presentations will be held in the Wright Ballroom.
Sunday, December 11th (cont.)

2:05 p.m. – Carl Griffey, Dept. of Crop & Soil Environmental Sciences, Virginia Polytechnic Institute and State University, Blacksburg, VA, USA

*Identification and Incorporation of FHB Resistance in Winter Wheat -- An Overview of Progress and Strategies.*

2:25 p.m. – Xiwen Cai, Dept. of Plant Sciences, North Dakota State University, Fargo, ND, USA

*The Alien Gene could be one of the ‘Fighters’ against Fusarium Head Blight in Wheat.*

2:45 p.m. – Mohamed Mergoum, North Dakota State University, Fargo, ND, USA

*Enhancing Fusarium Head Blight Resistance in Spring Wheat: A Glance into Success and Challenges.*

3:05 p.m. – Tomohiro Ban, CIMMYT, MEXICO

*CIMMYT’s Challenges for Global Communication and Germplasm Enhancement for FHB Resistance in Durum and Bread Wheat.*

3:25 p.m. – Elias Elias, Department of Plant Sciences, North Dakota State University, Fargo, ND, USA

*Breeding Efforts to Develop Fusarium Head Blight Resistant Durum Wheat in North Dakota.*

3:45 p.m. – BREAK (Location: Crystal Ballroom Foyer)

4:00 – 6:15 p.m. – HPR/VD and GET Poster Session¹ (Location: Wright Ballroom, 4th Floor)

(Authors are asked to be at their posters.)

5:45 p.m. – RECEPTION (Location: The Crystal Ballroom Foyer and the Regency Ballroom)

Sponsored by Miller Brewing Company, Anheuser-Busch, Sierra Nevada, Sygenta and Westbred, LLC.

6:45 p.m. – DINNER (Location: The Crystal Ballroom, 5th Floor)

Sponsored by Bayer CropScience

8:00 p.m. – Breakout Session for EEDF Research Area (Location: Mitchell, 4th Floor)

*Topic:* FHB Disease Forecasting Models.

8:00 p.m. – Breakout Session for Research Technicians and Graduate Student (Location: Walker, 4th Floor)

*Topic:* Procedures in FHB Research: an informal exchange of ideas and protocols for technicians & graduate students.

¹ This pertains only to authors with posters assigned to research area session.
Sunday, December 11th (cont.)

8:00 p.m. – Breakout Session for PGG Research Area (Location: Juneau, 5th Floor)
   Topic: Genes, Genome, and Functional Genomics of *F. graminearum*.

Monday, December 12th

6:00 – 8:00 a.m. – BREAKFAST– Continental Buffet (Location: The Regency Ballroom)

9:00 a.m. – 5:00 p.m. – REGISTRATION (Location: The Crystal Ballroom Foyer near the marble staircase, 5th Floor)

SESSION 2: GENETIC ENGINEERING AND TRANSFORMATION (GET) SESSION (Location: The Crystal Ballroom, 5th Floor)

CHAIRPERSON: Ron Skadsen, USDA-ARS, Madison, WI, USA

8:00 – 9:00 a.m. – HPR/VD and GET Poster Session (Location: Wright Ballroom, 4th Floor)
   (Authors are asked to be at their posters.)

9:05 a.m. – Nilgun Tumer, Biotech Center, Rutgers University, New Brunswick, NJ, USA
   *Modification of Ribosomal Protein L3 Confers Resistance to Deoxynivalenol.*

9:30 a.m. – Jyoti Shah, Division of Biology, Kansas State University, Manhattan, KS, USA
   *Engineering Scab Resistance in Wheat with Plant Defense Signaling Genes.*

9:55 a.m. – Steve Scofield, Crop Production and Pest Control Unit, USDA-ARS, Peoria, IL, USA
   *A Virus-Induced Gene Silencing System for Analysis of Gene Function in Hexaploid Wheat.*

10:20 a.m. – BREAK (Location: The Crystal Ballroom Foyer, 5th Floor, and outside Wright Ballroom near Escalators, 4th Floor)

SESSION 3: ETIOLOGY, EPIDEMIOLOGY AND DISEASE FORECASTING (EEDF) SESSION (Location: The Crystal Ballroom, 5th Floor)

CHAIRPERSON: Ruth Dill-Macky, University of Minnesota, St. Paul, MN, USA

10:35 a.m. – Erick De Wolf, Department of Plant Pathology, The Pennsylvania State University, University Park, PA, USA
   *Future Directions in the Development and Application of Risk Assessment Models for Fusarium Head Blight.*
Monday, December 12th (cont.)

11:10 a.m. – Pierce Paul, Department of Plant Pathology, Ohio State University, Wooster, OH, USA

Relationship between FHB Index and DON: A Quantitative Synthesis of Eight Years of Research.

11:35 a.m. – Stephen Neate, Department of Plant Pathology, North Dakota State University, Fargo, ND, USA

Impact of Preharvest Management Strategies in Barley on FHB, Seed Colonization and DON.

12:00 p.m. – LUNCH (Location: The Regency Ballroom)

1:15 – 3:40 p.m. – EEDF/PGG Poster Session (Location: Wright Ballroom, 4th Floor)

Authors are asked to be at their posters.

3:25 p.m. – BREAK (Location: The Crystal Ballroom Foyer, 5th Floor, and outside Wright Ballroom near Escalators, 4th Floor)

SESSION 4: PATHOGEN GENETICS AND GENOMICS (PGG) SESSION (Location: The Crystal Ballroom, 5th Floor)

CHAIRPERSON: Frances Trail, Michigan State University, East Lansing, MI, USA

3:45 p.m. – Jin-Rong Xu, Department of Botany and Plant Pathology, Purdue University, West Lafayette, IN, USA

Functional Genomic studies of Pathogenicity in Fusarium graminearum.

4:20 p.m. – Nancy P. Keller, Department of Plant Pathology, University of Wisconsin, Madison, WI, USA

Strategies to Control Scab using RNAi Technology: Progress and Obstacles.

4:45 p.m. – John Leslie, Department of Plant Pathology, Kansas State University, Manhattan, KS, USA

Field Populations of Gibberella zeae.

5:10 p.m. – Session Adjourns

7:00 – 9:30 p.m. – Breakout Session: Genotyping Centers (Location: Walker, 4th Floor)

Contact Networking & Facilitation Office for details.

scabusa@scabusa.org

8:00 – 10:00 p.m. – Breakout Session for CCBC Research Area (Location: Mitchell, 4th Floor)

Topic: Uniform Trials and Integrated Control
Tuesday, December 13th

6:00 – 8:00 a.m. – BREAKFAST – Continental Buffet (Location: The Regency Ballroom)

7:45 – 9:15 a.m. – FSTU/CBCC Poster Session (Location: Wright Ballroom, 4th Floor)
   (Authors are asked to be at their posters.)

SESSION 5: FOOD SAFETY, TOXICOLOGY AND UTILIZATION OF MYCOTOXIN-CONTAMINATED GRAIN (FSTU) SESSION
   (Location: The Crystal Ballroom, 5th Floor)

   CHAIRPERSON: Stephen Neate, North Dakota State University, Fargo, ND, USA

   9:15 a.m. – Samuel Page, formerly with World Health Organization, Geneva, Switzerland
   Perspectives on the Risk Assessment of the Trichothecone Mycotoxins.

   9:55 a.m. – Susan McCormick, Mycotoxin Research Center, USDA-ARS, Peoria, IL, USA
   The Trichothecone Triangle: Toxins, Genes, and Populations.

   10:20 a.m. – BREAK (Location: The Orchard Ballroom Foyer)

SESSION 6: CHEMICAL, BIOLOGICAL AND CULTURAL CONTROL (CBCC) SESSION

   CHAIRPERSON: Marty Draper, South Dakota State University, Brookings, SD, USA

   10:40 a.m. – Marcia McMullen, Department of Plant Pathology, North Dakota State University, Fargo, ND, USA
   Real World Results in FHB Management.

   11:05 a.m. – David Schisler, USDA-ARS, Peoria, IL, USA
   Fermentation and Formulation: Crucial Focus Areas for Expediting the Development of Biocontrol Products.

   11:30 a.m. – David Hooker, Ridgetown College, University of Guelph, Ridgetown, ON, CANADA
   Evolution of Spray Application Systems for Controlling Fusarium Head Blight in Ontario.

   11:55 a.m. - 12:05 p.m. – Tom Anderson/Rick Ward
   Update on the U.S. Wheat & Barley Scab Initiative