General Agenda

IAB FALL 2026 MEETING, Oct 28-29

Venue Location:

Iowa State University (ISU)
Memorial Union
– RM 3580
2229 Lincoln Way
Ames, IA 50011

Iowa State University (ISU)
Alumni Center
- Ulner Executive Board Room
429 Alumni Ln
Ames, IA 50011

Wi-Fi Access:

Iowa State University (ISU) has Eduroam and free ISU-Guest access

Online Access:

Join Zoom Meeting

https://iastate.zoom.us/my/cochran?pwd=SFNmQUIvT0tRaHlDaVYrN3l5bzJVQT09

Google Forms/Sheets Feedback links:
https://docs.google.com/forms/d/e/1FAIpQLSf4fKlGKx02quNPxCWuccmw-o4Lpk1QkgJhCgWKN-lAvqvdSA/viewform?usp=sharing&ouid=103254171196242035564 -**IAB**
https://docs.google.com/spreadsheets/d/1a-Zb5PA8lsIOJYiCQKdEytkiGB7kPWxazg3ArAhhans/edit?usp=sharing -**IAB & PIs**

Tuesday, October 27

6:30 PM CT — **CASUAL SOCIAL – GATEWAY HOTEL & CONFERENCE CENTER**
Please come if you can make it
2100 Green Hills Dr
Ames, IA 50014

Wednesday, October 28

8:30 AM CT — **CONTINENTAL BREAKFAST**
ISU – Memorial Union – Room 3580

9:00 AM CT — **LOCATION**
ISU – Memorial Union – Room 3580

9:00 AM CT — **WELCOME**
Dean Webster, Center Director

9:05 AM CT — **UPDATE ON CENTER ACTIVITIES**
Dean Webster, Center Director

9:15 AM CT — **Q&A and Discussion**

9:30 AM CT — **GOOGLE FORMS/SHEETS REVIEW**
Prerecorded presentations will be provided.
Projects requesting continuation of funding.

Ten minutes per project of discussion and completion of Google Forms interest feedback.

9:30 AM — **C01 - (Previously N01) Formulation Optimization and Weathering Durability of Bio-based Plastics for Outdoor Application**
Ali Amiri, North Dakota State University

9:40 AM — **C02 - (Previously N04) Synthesis of mixed biobased polyesters using lignin-derived phenolics and dicarboxylic acids**
Eric Cochran, Iowa State University

9:50 AM — **C03 – (Previously N06) Durable Polyester-Carbonate Copolymers with Programmable Degradation for Medical Materials**
Kenan Song, University of Georgia

10:00 AM — **C05 - (Previously N07) Environmental Fragmentation and Ecotoxicity Profiling of Compostable Bioplastics**
Yang Liu, University of Georgia

10:10 AM **C08 - Going Bananins: High Performance Waterborne Hard Bio-based Building Blocks**
Eric Cochran, Iowa State University

10:20 AM CT **BREAK**

10:40 PM CT **GOOGLE FORMS/SHEETS REVIEW**
Prerecorded presentations will be provided.
Projects requesting new funding.

Ten minutes per project of discussion and completion of Google Forms interest feedback.

10:40 PM **N01 - (SC04) Development of Phloroglucinol Based Branched Polyesters for Adhesive and Coating Applications**
Ethan Stinchcomb, University of Georgia

10:50 PM **N02 - (SC06) Counteracting Physical Aging of Biopolyesters for Improved Shelf Life Through Morphology Control and Predictive Aging Modeling**
Ali Amiri, North Dakota State University

11:00 PM **N03 - (SC03) Employ Black Soldier Fly Larvae to Valorize Waste Streams**
Branson Ritchie, University of Georgia

11:10 AM CT **IAB REVIEW AND DISCUSSION**
- Next meeting location
- Other Discussion

12:00 PM CT **LUNCH**
ISU – Memorial Union

STUDENT POSTERS WILL BE AVAILABLE FOR VIEWING

1:10 PM CT **GOOGLE FORMS/SHEETS REVIEW**
Prerecorded presentations will be provided.
Projects requesting new funding.

Ten minutes per project of discussion and completion of Google Forms interest feedback.

1:10 PM **N04 - (SC06) Stabilizing Shelf-Life Performance of PHA Films through Morphology Control**
Jason Locklin, University of Georgia

1:20 PM **N05 - (SC01) Tunable Agricultural-Residue Biochar as a Barrier Additive for Epoxy Coatings on Steel: Defining the Loading, Ash, and Conductivity Window for Corrosion Protection**
Mohammad M Ul Hoque, Washington State University

1:30 PM	**N06 - (SC06) A Synergistic Strategy to Eliminate the Post-Processing Embrittlement of PHAs** Jinwen Zhang, Washington State University
1:40 PM	**N07 - (SC05) Feasibility of microbial-derived pigments for paints, coatings and plastics applications** Lili Cai, University of Georgia
1:50 PM	**N08 - (SC06) Structure-Property Guided Stabilization of Physical Aging in Biopolyesters for Improved Shelf-Life** Alina Kirillova, Iowa State University
2:00 PM CT	**BREAK**
2:20 PM	**N09 - (SC06) Counteracting Physical Aging of Biopolyesters: Vitrimer-Like Dynamic Covalent Networks in Biopolyester Microcomposite Films** Nataraja Sekhar Yadavalli, University of Georgia
2:30 PM	**N10 - (SC06) AI-Orchestrated Study to Analyze and Improve Biopolyester Film Shelf-Life by Stabilizing Physical Aging** Bakhtiyor Rasulev, North Dakota State University
2:40 PM	**N11 - (SC07) Respirometry, Disintegration, and Thermal Analysis of Polyvinyl Alcohol Packaging Films** Evan White, University of Georgia
2:50 PM	**N12 - (SC05) Filamentous fungi fermentation-derived pigments for sustainable paints and coatings: production, characterization, and performance assessment** Suraj Sharma, University of Georgia
3:00 PM CT	**TODAY'S WRAP UP** Dean Webster, Center Director
3:10 PM CT	**ADJOURN**
5:30 PM CT	**DINNER – CORNBRED BARBECUE** 526 Main St #106 Ames, IA 50010

Thursday, October 29

8:30 AM CT — **CONTINENTAL BREAKFAST**
ISU – Alumni Center – Ulner Executive Board Room

9:00 AM CT — **LOCATION**
ISU – Alumni Center – Ulner Executive Board Room

9:00 AM CT — **READOUT AND DISCUSSION OF GOOGLE FORMS FEEDBACK**
Erik Hagberg/ALL
PIs will have a chance to comment on additional IAB feedback

10:15 AM CT — **CLOSED DOOR IAB-ONLY MEETING FOR VOTING**
- Voting on projects for 2027
- New IAB Chair, Vice-Chair and Secretary selection

11:15 AM CT — **ANNOUNCE PROPOSALS/ACTION ITEMS**
Erik Hagberg/ALL

11:30 AM CT — **CLOSING REMARKS – PI EXPECTATIONS (TO-GO FOOD WILL BE PROVIDED)**
Dean Webster, Center Director