# 2021 Annual Conference Agenda with Descriptions

This content is current as of **4 November 2021**. Items may change, so check back prior to conference.

| | |
|---|---|
| Room is not available | (grey) |
| Room is available for a session | (green) |
| Closed session (talk to leader if you would like an invite) | (pink) |
| Tentative | (yellow) |

## Monday, November 8th

| Time | Session 1 | Session 2 | Session 3 | Session 4 | Session 5 |
|---|---|---|---|---|---|
| 7:30 – 8:00 am | | | | | |
| 8:00 – 8:45 am | **Gateway to Ag Careers Orientation** (Invitation Only) This session is for the students that were selected for the Gateway to Ag Careers (GTAC). This session will provide them with a background on AgGateway and the conference. | **In Field Product Identification Working Group** | **AgGateway 101** Recommended for new members and first-time attendees, but all are welcome to attend. This session provides the strategy and structure of AgGateway and how it operates. | | |
| 9:00 – 9:45 am | **Executive Committee** (Invitation Only) The Executive Committee will review staff role descriptions and contracts for 2022, and the implementation plan for the remainder of 2021 and 2022. Closed session to the Executive Committee. | **Data Linking Working Group** | **AGIIS Education Session – What's New for 2022** The Ag Industry Identification System (AGIIS) education session will provide an overview of the AGIIS functionality and services provided. We will also discuss any new enhancements and modifications made in 2021 and will explore potential opportunities for 2022. This session is open to individuals that are looking to increase their knowledge of the entity and product identification as well as seasoned veterans. *Facilitated by: AGIIS Product Manager Josh Wall* | | |
| 9:45 – 10:00 am | **Break** - Join us for some refreshments! | | | | |
| 10:00 – 10:45 am | Continued **Executive Committee Meeting** (Invitation Only) The Executive Committee will review staff role descriptions and contracts for 2022, and the implementation plan for the remainder of 2021 and 2022. | **Mix Ticket Working Group** | **Working Groups – What Are They? Where Do I Fit In?** Hear from a panel of Working Group Chairs *Moderated by: AgGateway Portfolio Manager Dan Berne* | | |
| 11:00 – 11:45 am | Closed session to the Executive Committee. | **Product Catalog Working Group** | **Industry Standards White Paper** Exploring existing and developing interoperability standards that impact agriculture and inform AgGateway's digital resource production. *Presented by: AgGateway CTO Jim Wilson* | | |
| 12:00 – 1:15 pm | **First Time Attendees Luncheon** (Invitation Only) This luncheon is for all first-time attendees to the AgGateway Annual Conference. Please be sure to register as a first-time attendee, so that you will receive your invitation. This session provides an overview of the Annual Conference and an opportunity to get to know some of the other first-time attendees. | | **Lunch on your own** - Enjoy lunch in the hotel or nearby restaurants. See AgGateway's lunch recommendations in the event app! | | |
| 1:30 - 3:00 pm | **Opening General Session** Learn more about AgGateway, where we are today and where we're headed. Reflection on how we did in 2021 and what we plan to do in 2022. We will announce our new leaders serving on the 2022 AgGateway Board of Directors, the election results for the leaders on our 2022 North American Steering Committee, and recognize the leaders serving on the 2022 Europe and Latin America Steering Committees. We will also recognize outstanding volunteer efforts in forwarding AgGateway's mission and vision. | | | | |
| 3:00 - 3:15 pm | **Break** - Join us for some refreshments! | | | | |
| 3:15 - 4:10 pm | **Portfolio Management Center Update** - What is the latest in Working Group activities? Catch up on what has been accomplished and what is planned for 2022. *Presented by AgGateway Portfolio Manager Dan Berne.* | | | | |
| 4:15 - 5:15 pm | **Featured Presentation: AEF Initiatives and the AgGateway Partnership** (General Session) AgGateway collaborates with AEF (Agriculture Industry Electronic Foundation) on interoperability projects in areas in which we share an interest, which generally centers on field operations. Norbert Schlingmann is AEF's General Manager. Andrew Olliver is Product Manager, Precision Farming and ISOBUS for CNH Industrial and AEF Vice Chairperson and Steering Committee member. In this presentation, Norbert and Andrew will share their perspective on AgGateway/AEF joint projects. They will also share updates on other AEF projects, including AgIN (cloud-to-cloud interoperability). The presentation will help AgGateway members understand how AgGateway members benefit from partnerships with standards organizations and industry associations. | | | | |
| 5:15 - 5:45 pm | **Meet & Greet** (Invitation Only) This is a short session for first-time attendees and new members to have a small gathering prior to the large networking session. | | | | |
| 5:45 - 7:00 pm | **Opening Networking Reception** - Don't miss this opportunity to network with other members, vendors, customers, and staff! | | | | |

# 2021 Annual Conference Agenda with Descriptions

This content is current as of **4 November 2021**. Items may change, so check back prior to conference.

| | Room is not available |
|---|---|
| | Room is available for a session |
| | Closed session (talk to leader if you would like an invite) |
| | Tentative |

| Tuesday, November 9th | | | | |
|---|---|---|---|---|
| **Time** | **Session 1** | **Session 2** | **Session 3** | **Session 4** |
| 7:30 – 8:00 am | | **Potato Crop and Field Ops Data Working Group** Provide an update on the charter and work to date. *Presented by: AgGateway Europe Regional Director Conny Graumans* | | **Room available for Quick Connect (7:30-8:00am)** |
| 8:00 – 8:30 am | **Design Thinking Session** All members are encouraged to participate in this interactive session that will focus on how AgGateway can better engage and communicate with its members. *Facilitated by: Jeff Belding from Corteva* *Hosted by: Member Advisory Panel & Communications Committee* | **In-Field Product ID and ADAPT In-Field Product ID Plugin** Share the benefits of the ADAPT plugin and the shipped item JSON message that enable traceability of products from ag retailer to on-farm usage. *Presented by: Chairs Joe Tevis & Scott Nieman* | | **Room available for Quick Connect (8:00-8:30am)** |
| 8:35 – 9:00 am | | **Data Linking Working Group** Report on finding the metadata definition(s) that allows linking of key agricultural datasets that reside in multiple data repositories. The datasets are used to support the tracing of critical events. *Presented by: Chair Joe Tevis* | **Mix Ticket Working Group** Share their solution to provide common integration patterns to exchange work orders & work records for blending and/or dispensing operations. Discuss what enhancements might be needed for the next Mix Ticket digital resource. *Presented by: Chair Adam Hilton* | **Water Management & Sustainability Credits** This 90-minute session explores the issues related to obtaining, reporting, and verifying an agreed-upon set of water management data that can be used for sustainability credits. Almost all reporting today is voluntary and comes in many formats. This includes both the quantity (amount of water used, return flows) and the quality of the water (purity, leaching of chemicals, etc.). *Facilitated by: Andres Ferreyra, Diganta Adhikari, Dan Berne* |
| 9:05 - 10:05 am | | **Crop Protection Meet Up** Leverage and expand use of In-Field Product ID and what was learned from Product Catalog to Ag eStandards ShipNotice for batch number. *Facilitated by: Scott Nieman* | | |
| 10:15 - 10:45 am | **Break -** Join us for some refreshments! | | | |
| 11:00 - 12:00 pm | **The Past, Present and Future of APIs in Agriculture** (General Session) What's the current state of API use in the agriculture industry and beyond? How did we get to this state and how does that journey inform what we can expect in the future? AgGateway CTO Jim Wilson will facilitate a panel discussion among industry veterans Doug Applegate from Praxidyn, Duey Yliniemi from Cultura, and Scott Nieman from Land O'Lakes that will address these and related questions. Circle your calendar for this event! | | | |
| 12:00 – 1:15 pm | **Lunch on your own** - Enjoy lunch in the hotel or nearby restaurants. | | | |
| 1:15 - 2:15 pm | **Field Boundaries** Many different shape files are created to represent areas of land that growers operate today. These shapes can be different from one software or hardware device to another, creating issues for growers or service providers. An additional complexity is the need to account for shape change over time (versioning). This meet-up will document use cases and identify needs to address standardized definitions and access to field shapes for growers and service providers. Tied closely with this is the need to standardize on a common reference model for Real Time Kinematic (RTK) networks to improve the accuracy of drone mapping for autonomous vehicles and robots. | **Ag Retail Meet Up** Join in to discuss solutions that Ag Retail and Retail Partners are facing today. Bring your pain points and be prepared to dive into these hot topics. Standardization issues, connectivity hold ups, connectivity wins, efficiencies, and how security is changing the way we look at these concerns. *Facilitated by: Natasha Lilly* | | |

# 2021 Annual Conference Agenda with Descriptions

This content is current as of **4 November 2021**. Items may change, so check back prior to conference.

| | |
|---|---|
| | Room is not available |
| | Room is available for a session |
| | Closed session (talk to leader if you would like an invite) |
| | Tentative |

| Time | | | | |
|---|---|---|---|---|
| | *Presented by: Nathan Stein and Jeremy Wilson* | | | |
| 2:30 - 3:30 pm | **Proof of Delivery Scale Ticket** Discussion about a project building off data linking to incorporate Scale Ticket information. *Facilitated by: Scott Nieman* | **Seed Meet Up** Hear the latest about Seed Connectivity messages and implementation successes. This is also a designated time to hear pain points related to seed and discuss what would be most helpful in the next 18 months to further connectivity and make processes more efficient related to seed. Come and bring your connectivity questions and your pain points! *Facilitated by: Ann Vande Lune* | | |
| 3:30 – 4:00 pm | **Break** - Join us for some refreshments! | | | |
| 4:00 - 4:45 pm | **North America Steering Committee (Closed)** | **Cross Connection Discussions of Working Group & Projects – Project Management** Come ready to discuss and chart out AgGateway work in action and what could be on the horizon. This is a hands-on brainstorming session. *Facilitated by: AgGateway Portfolio Manager Dan Berne* | **Introduction to MyAgGateway –** Bring your laptops and come learn about AgGateway's new member management system. Topics covered will include how to access the member directory, how to update your profile, how to review and pay an open invoice, and much more! *Presented by: AgGateway Director of Member Relations Leslie Hedges* | |
| 5:00 - 6:30 pm | **Networking Reception** - Don't miss this opportunity to network with other members, vendors, customers, and staff! | | | |

| Wednesday, November 10th | | | | |
|---|---|---|---|---|
| **Time** | **Session 1** | **Session 2** | **Session 3** | **Session 4** |
| 8:00 – 8:30 am | **AGIIS Directory Oversight Committee** This is a regular meeting of the Directory Oversight Committee (DOC). We will have a guest presentation from GS1 US, and all attendees with interest in identification are invited to attend. Should any business come before the committee that requires voting, the chair will review voting requirements and procedures. *Facilitated by: Chair Darlene Gibson* | **Farm Inputs Reference Data & On Farm Inputs: Word Order/Work Record** Report on the progress to standardize and harmonize the exchange of agronomic data for farm inputs and how that fits with the ADAPT model. *Facilitated by: AgGateway Europe Regional Director Conny Graumans* | | **Room available for Quick Connect (8:00-8:30am)** |
| 8:35 – 9:00 am | | **Product Catalog Working Group** Share completion of Version 2.0 of the OAGIS Catalog JSON Schema. Discussion on how to leverage existing work with Europe's Score tool. Score is a NIST/OAGi software tool used to specify an API interface. It is also able to produce JSON and XML schema, in addition to API specifications, making it an efficient and attractive tool for small businesses. *Presented by: Mike Altman* | | **Room available for Quick Connect (8:30-9:00am)** |
| 9:10 - 10:10 am | **ADAPT – Looking Ahead!** Seven years into the ADAPT project, the platform is widely used throughout the world in managing and translating field operations data. A lot has changed in seven years, however. One example is the growth of available data sources beyond logged yield, planting and application data. Another is the prevalence of cloud computing and its effects: the rise of Linux usage | **Working Groups: Defining Value Statements** How does a Working Group's project become a success? Participate in this interactive session and help define or redefine some of AgGateway's projects. From your insights, we might even come up with a project or two to accomplish in 2022. *Presented by: AgGateway Portfolio Manager Dan Berne* | **GTAC Student Presentations** | **Quick Connect Task Force** This meet-up is for members to share ideas and start planning for the next Quick Connect, which will be held at the 2022 Annual Conference, November 14-16 in Clearwater, Florida. *Facilitated by: Natasha Lilly* |

# 2021 Annual Conference Agenda with Descriptions

This content is current as of **4 November 2021**. Items may change, so check back prior to conference.

| | Room is not available |
| --- | --- |
| | Room is available for a session |
| | Closed session (talk to leader if you would like an invite) |
| | Tentative |

| Time | | | | |
| --- | --- | --- | --- | --- |
| | in commercial settings and the standardization of service-oriented, language-independent APIs. Against this backdrop, ADAPT's focus as an offline Windows/C# toolkit for translating proprietary machine data into a common format needs a refresh. Industry contributors have already started expanding on ADAPT, but there is still a lot to do. Join us for a discussion of the state of agriculture data today, where ADAPT needs work, and how we can work together to continue building on the platform.<br><br>*Facilitated by: Chair Dan Danford and Co-Chairs Kelly Nelson and Stuart Rhea* | | | |
| 10:15 – 10:40 am | **Break** - Join us for some refreshments! | | | |
| 10:45 - 11:45 am | **Cybersecurity & Ransomware – The Industry is in the Hacker's Crosshairs**<br>Building a culture around cybersecurity cannot start soon enough. Adding tools, policies and response plans while going through a ransomware event is like building an army after the war has begun. In this session, we will discuss why the Ag industry has become a prime target for hackers and what we can do about it.<br><br>*Presented by: Scott Meredith* | | | **Room available for Quick Connect (10:45-11:15am)**<br><br>**Room available for Quick Connect (11:15-11:45am)** |
| 12:00 - 1:00 pm | **Networking Lunch** - Come and network with others while enjoying lunch! | | | |
| 1:15 – 2:00 pm | **Conference Committee**<br>We will discuss plans and next steps for the 2022 Mid-Year Meeting in Altoona, Iowa and the 2022 Annual Conference in Clearwater, Florida. All individuals interested in helping to improve our face-to-face meetings, please join us!<br><br>*Facilitated by: Chair Scott Meredith* | **Standards & Guidelines Committee**<br>The Standards and Guidelines Committee will review work over the past year and set goals for 2022. In particular, the Committee will review activity relating to Product Catalog v2.0, PAIL Part 2, Agrisemantics, and potential updates to the Maintenance Processes and Versioning Strategy.<br><br>*Facilitated by: Chair Charles Hillyer* | | **Room available for Quick Connect (1:00-1:30pm)**<br><br>**Room available for Quick Connect (1:30-2:00pm)** |
| 2:00 – 3:00 pm | **Closing Keynote Speaker – Andy Beadle, BASF** (General Session)<br>Andy Beadle has been working in agriculture for over 30 years, both in academic research and across a number of multinational companies. Andy's passion has always been soils. Often an overlooked component of the agricultural production system, a healthy soil has recently come back into focus as a cornerstone for delivering climate resilient agriculture. Indeed, it can be said that soil and soil health is the current frontier for sustainable agriculture. It is the bedrock of the agricultural system, but has over the years been overused. It we can restore soil health, we can also enhance soil fertility, biodiversity, resource usage, and start to gain a better understanding of the current hot topic in agriculture, carbon farming. All of this requires access to massive amounts of data and data driven solutions. Data will be the bedrock around how we build resilience into our future agriculture systems. | | | |
| 3:00 – 5:00 pm | **AgGateway Board of Directors** (Closed) - The incoming 2022 AgGateway Board of Directors will meet. | | | |
| **Thursday, November 11th** | | | | |
| 9:00 am – 3:00 pm | **AgCIO Roundtable** (Invitation Only) | | | |