Welcome to the Digital AgAth0n 2025

Friday, January 27, 2023   6:06 PM

Introduction

The AgAID Institute in partnership with WSU and Kamiak is proud to host you for an in-person AgAth0n focused on imagery and sensor-data analysis for digital agriculture applications. Prize funding is provided by WSU Voiland College of Engineering and Architecture, School of EECS, Department of Biological Systems Engineering, and CAHNRS.

Code of Conduct

The AgAID Digital AgAth0n 2025 is committed to diversity, equity, and inclusivity, and providing a safe and enjoyable experience for all participants consistent with WSU's Executive Policy 15. Maintaining an environment where ideas can be exchanged free of harassment, discrimination, and hostile conduct is a shared responsibility for all of us.

Harassment includes but is not limited to offensive verbal or written comments related to gender, age, sexual orientation, disability, physical appearance, body size, race, religion, sexual images in public spaces, deliberate intimidation, stalking, following, harassing photography or recording, sustained disruption of talks or other events, profanity, inappropriate physical contact, and unwelcome sexual attention. To report inappropriate conduct please contact Jordan Jobe (jordan.jobe@wsu.edu) or Ananth Kalyanaraman (ananth@wsu.edu) and they will follow up with the Office of Compliance and Civil Rights. You can also directly file a complaint.

Participants violating the code of conduct will be removed from the event.

Agenda

Day	Time	Topic	Facilitator/Presenters
Tuesday, January 28th	11 am or 4 pm	Kamiak Training	WSU Kamiak team
Friday, January 31st	5:00 - 5:30 pm	Welcome, overview and kickoff (+ icebreaker)	Ananth Kalyanaraman Manuel Garcia Perez (CAHNRS) Holly Neibergs (CAHNRS)
	5:30 - 6:30 pm	Challenges (overview) Resources: Tutorials and mentors Judging and final presentations	Kirti Rajagopalan Paola Pesantez-Cabrera Sindhu Sankaran

		Logistics Q&A	Jordan Jobe
		Pizza dinner	
	6:30 - 8:30 pm	Organizers and Mentors available for logistics/teams support	
Saturday, February 1st	9:30 am	Light breakfast (fruit, cereal, yogurt, coffee brewing at various locations, etc.)	
	10:00 - 10:15 am	Check-in for all teams, mini-game, t-shirts!	Graduate Student Mentors
	10:30 - 12:00 pm	Site Coordinators available for logistics/teams support	
	1pm	Lunch provided	
Sunday, February 2nd	9:30 am	Light breakfast	
	10:00 - 10:15 am	Check-in for all teams, mini-game	Graduate Student Mentors
	10:30 - 12:00 pm	Site Coordinators available for logistics/teams support	
	1 pm	Lunch provided	
	4 pm	Presentations due!	
	5:00 -7:00pm	Project Presentations (and light treats)	
Monday, February 3rd	5:30-7:00 pm	Closing, Announcement of Winners Taco Bar Dinner!	Ananth Kalyanaraman Sindhu Sankaran Nancy Deringer (CAHNRS) Haluk Beyenal (VCEA) Siva Krishnamoorthy (VCEA)

Challenges

Go to the **Challenges** channel for information related to our challenges. You will see the **Setup Guide** tab at the top of the channel.

Training Information/Tutorials

Check out the **Tutorials** channel. You will see the **How To!** tab at the top of the channel.

Scoring/Evaluation Rubric

Go to the "**Agathon_Evaluation_Rubric.pdf**" within the **Files** tab in this **General** channel or to the **Rubric** tab for the scoring rubric.

What to turn in at 4:00 PM PST Sunday, February 2nd

Late submissions will not be considered *as judges will be starting at this time.*

Sunday, February 2nd, 4:00 PM PST your team MUST turn in:

- A folder named **TeamX** (where X is the number of your team as indicated in the Team Assignments)**.** Create the folder inside the **Files** tab > **Final Presentations** folder in this **General** Channel. *Inside your team folder you should include:*

    1. **A 5-minute max video presentation recording that addresses the following:**

        i. Your specific objective/problem statement
        ii. Motivation/Rationale/Importance of your chosen objective/problem statement/ who is your customer?
        iii. Approach/Methods/Model description (how did you do it?)
        iv. How did you use ML tools? What tools did you use? (brief)
        v. Results/Prototype demo
        vi. How did you collaborate effectively as a team? (brief)
        vii. Anything else, including fun experiences, challenges/what you learned

        If you want to send a YouTube link, please, create a word document that contains the link and upload that document to your folder.

        Check out the "**Hackathon video presentation tips.pdf**" file that is provided in this **General** channel under the **Files** tab.

    2. **Outputs defined in the challenge you are working on. You will find the details in the section *Expected Outputs* of each challenge**

        i. Crop Residue Prediction Challenge
        ii. Snowpack Prediction Challenge

How to function in this Digital AgAth0n

- ### What team am I on?

    Look up at the top of this screen, there should be a tab called **Team Assignments**.

- ### How does my team win?

    Tailor your solution to the scoring rubric. You can find the **Rubric** in the **Files** tab at the top of this **General** channel.

- ### How do I ask for help or guidance? (Mentors/Facilitators)

    Look up at the top of this screen, there should be a tab called **How to get HELP**.

    Mentors and facilitators will be available to answer your questions during the AgAth0n. They are prepared to provide technical assistance with the Teams platform, address Kamiak issues, give some guidance on tools to use, or help you find answers to domain questions or any other questions that come up.

    Please post your questions to the **Troubleshooting (Ask a question?)** channel and someone will respond. If you'd like to have a conversation with a mentor, you can join during mentors office hours or during individual mentor's office hours.

    Mentor office hours are:

    ○ **Friday** - 5 PM - 10 PM

    ○ **Saturday** - 8 AM - 10 PM

    ○ **Sunday** - 8 AM - 4 PM

    To see mentor availability, go to the **Mentor Office Hours** tab in the **Troubleshooting (Ask a question?)** channel.

Try to avoid the temptation to use direct messages for questions. Chances are if you have a question, a dozen other people have the same one. If you post your question in the **Troubleshooting (Ask a question?)** channel then everyone gets to benefit from the solution.

To make sure the right mentors/facilitators get notified, you can add the appropriate tags with your question. Just type the **@** symbol followed by the tag. The following tags have been created for the event:

- ○ agriculture

- ○ cropresidue

- ○ datascience

- ○ datavisualization

- ○ imageprocessing

- ○ irrigation

- ○ kamiak

- ○ machinelearning

- ○ modeling

- ○ python

- ○ r

- ○ remotesensing

- ○ snowpack

- **How do you join main events?**

  The main events will take place on the General **channel.** You should have scheduled meeting times in your calendar for the kickoff, check-ins, and closing. If you don't see these, or you have any other questions feel free to post in the **Troubleshooting (Ask a question?)** channel and someone will be happy to help. General announcements will be made here as well. The TEAMS links to join the different events are hyperlinked in the agenda.

  Be Patient Please. Communicating by text is difficult, if you feel agitated by a comment, or someone isn't responding sufficiently to your request please be patient. Take this as an opportunity to be extra compassionate as we all try to help each other through these challenges.
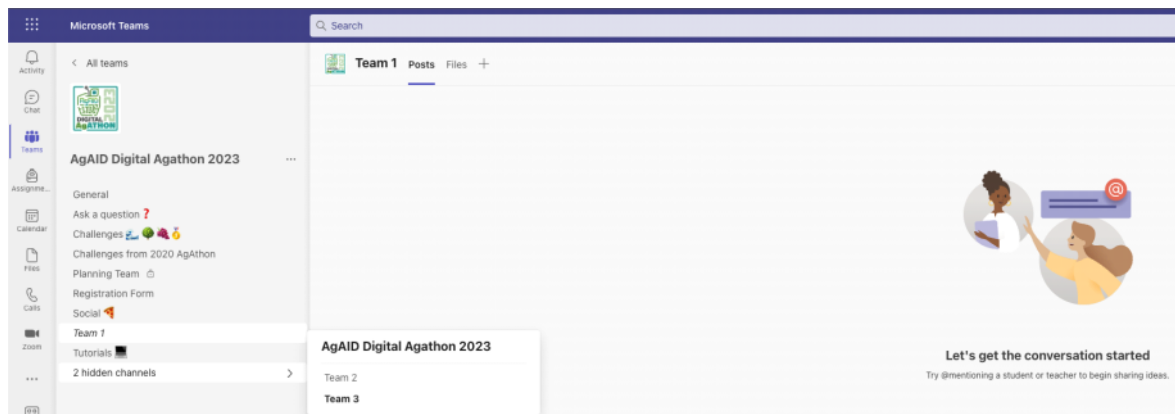
- **Never used Microsoft Teams before?**

See these quick start guides to get you going.

- [Microsoft Teams video training](#)
- [Collaborate in Teams](#)
- [Work in channels in Teams](#)
- [Manage notifications in Teams](#)
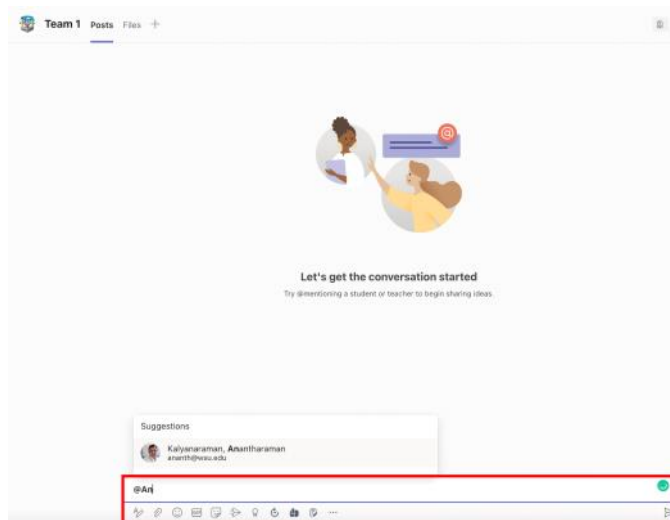- [Chat and share files in Teams](#)

Don't want to read the manual?

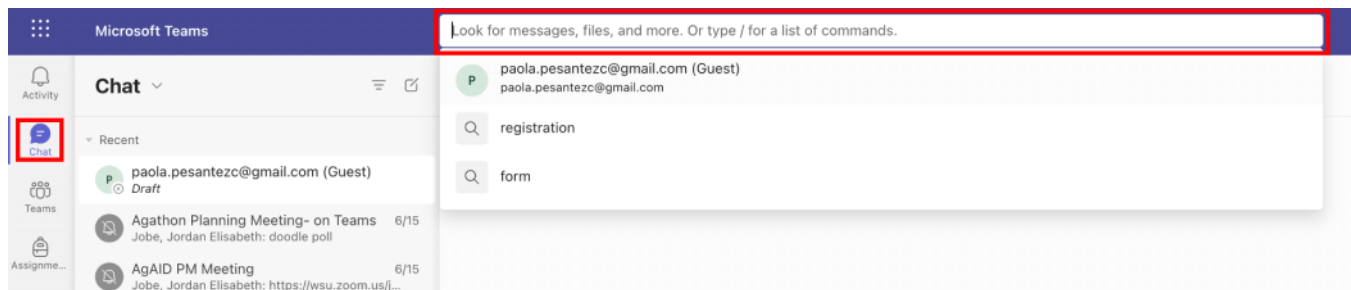No worries, it's pretty straightforward to use:

1. Your team channel can be found on the left, this is where you will be spending most of your time working with your team. Don't forget to look into the hidden channels.

2. In your channel, you can comment or reply to an existing comment, including using emojis and sharing files, down at the bottom of the chat window. Don't forget to hit the 'send' button when you are done

3. If you want to speak with someone privately you can start a conversation using the Chat button on the left

You can also tag someone, a group, or an entire channel with the '@' symbol

There are instructions on the page the first time you enter but if you want to rush ahead simply enter the person's name in the search bar at the top to start a direct message.

I don't want to use TEAMS

That's cool too, use whichever communication platform you prefer to work within your group. But the main events and messages from the AgAth0n will be in Teams so please check in once in a while. You can use Teams via web browser and/or phone app, as an alternative to downloading Team on your computer.

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