

AAAI-23 / IAAI-23 / EAAI-23



Program Guide

The 37th AAAI Conference on Artificial Intelligence

FEBRUARY 7-14, 2023 | WASHINGTON, DC USA

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Conference Program Overview

	TUESDAY, FEBRUARY 7					WEDNESDAY, FEBRUARY 8				
8:00 AM										
8:15 AM										
8:30 AM										
8:45 AM										
9:00 AM	8:30-10:15 AM Morning Quarter-Day Tutorials / Labs	8:30 AM – 12:30 PM Morning Half-Day Tutorials / Labs	8:00 AM – 5:00 PM Undergraduate Consortium	8:45 AM – 6:00 PM Doctoral Consortium	8:30 AM – 6:00 PM Full Day Bridge Sessions	8:30-10:15 AM Morning Quarter-Day Tutorials / Labs	8:30 AM – 12:30 PM Morning Half-Day Tutorials / Labs	8:45 AM – 6:00 PM Doctoral Consortium	8:30 AM – 6:00 PM Full Day Bridge Sessions	
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2:15 PM	2:00-3:45 PM Afternoon Quarter-Day Tutorials / Labs	2:00-6:00 PM Afternoon Half-Day Tutorials / Labs	8:00 AM – 5:00 PM Undergraduate Consortium	8:45 AM – 6:00 PM Doctoral Consortium	8:30 AM – 6:00 PM Full Day Bridge Sessions	2:00-3:45 PM Afternoon Quarter-Day Tutorials / Labs	2:00-6:00 PM Afternoon Half-Day Tutorials / Labs	8:45 AM – 6:00 PM Doctoral Consortium	8:30 AM – 6:00 PM Full Day Bridge Sessions	
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4:15 PM			8:00 AM – 5:00 PM Undergraduate Consortium							
4:30 PM		2:00-6:00 PM Afternoon Half-Day Tutorials / Labs		8:45 AM – 6:00 PM Doctoral Consortium	8:30 AM – 6:00 PM Full Day Bridge Sessions		2:00-6:00 PM Afternoon Half-Day Tutorials / Labs	8:45 AM – 6:00 PM Doctoral Consortium	8:30 AM – 6:00 PM Full Day Bridge Sessions	
4:45 PM	4:15-6:00 PM Afternoon Quarter-Day Tutorials / Labs					4:15-6:00 PM Afternoon Quarter-Day Tutorials / Labs				
5:00 PM										
5:15 PM										
5:30 PM										
5:45 PM										
6:00 PM										
6:15 PM	6:00-7:00 PM Student Reception					6:00-7:30 PM Opening Reception				
6:30 PM										
6:45 PM										
7:00 PM										
7:15 PM										
7:30 PM										
7:45 PM										
8:00 PM										
8:15 PM										

Conference Program Overview



	THURSDAY, FEBRUARY 9	FRIDAY, FEBRUARY 10	SATURDAY, FEBRUARY 11	SUNDAY, FEBRUARY 12	
8:30 AM	8:30–9:30 AM	8:30–9:30 AM	8:30–9:30 AM	8:30–9:30 AM	
8:45 AM	Welcome Remarks for AAAI, IAAI, EAAI & AAAI Community Meeting: Current State, Vision, and Engagement	IAAI Engelmores Award Lecture	AAAI-23 / IAAI-23 Invited Talk: Sammi Haddadin	AAAI-23 Invited Talk: Vincent Conitzer	
9:00 AM					
9:15 AM					
9:30 AM					
9:30 AM	9:30–10:45 AM	9:30–10:45 AM	9:30–10:45 AM	9:30–10:45 AM	
9:45 AM	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Journal Track / Student Abstracts	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Senior Member Track	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Senior Member Track	
10:00 AM					
10:15 AM					
10:30 AM					
10:45 AM	10:45–11:15 AM	10:45–11:15 AM	10:45–11:15 AM	10:45–11:15 AM	
11:00 AM	Break	Break	Break	Break	
11:15 AM	11:15 AM – 12:30 PM	11:15 AM – 12:30 PM	11:15 AM – 12:30 PM	11:15 AM – 12:30 PM	
11:30 AM	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Journal Track	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Journal Track / Student Abstracts / Senior Member Track	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights	AAAI-23 / EAAI-23 Technical Sessions	
11:45 AM					
12:00 PM					
12:15 PM					
12:30 PM			12:30–3:00 PM Job Fair		
12:45 PM					
1:00 PM	12:30–2:00 PM	12:30–2:00 PM		12:30–2:00 PM	12:30–2:00 PM
1:15 PM	Lunch	Lunch		Lunch	Lunch
1:30 PM					
1:45 PM					
2:00 PM	2:00–3:15 PM	2:00–3:15 PM	2:00–3:15 PM	2:00–3:15 PM	
2:15 PM	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Journal Track	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Journal Track	AAAI-23 / IAAI-23 / EAAI-23 Technical Sessions / New Faculty Highlights & Patrick Henry Winston Outstanding Educator Award Lecture	AAAI-23 / EAAI-23 Technical Sessions	
2:30 PM					
2:45 PM					
3:00 PM					
3:15 PM	3:15–3:45 PM	3:15–3:45 PM	3:15–3:45 PM	3:15–3:45 PM	
3:30 PM	Break	Break	Break	Break	
3:45 PM					
4:00 PM	3:45–5:00 PM	3:45–5:00 PM	3:45–6:15 PM AAAI-23 Invited Talk: Sheila McIlraith AAAI-23 Invited Talk: Isabelle Augenstein Conference Report & AAAI-23 Awards	3:45–5:00 PM	
4:15 PM	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights	AAAI-23 / IAAI-23 Technical Sessions / New Faculty Highlights / Journal Track		AAAI-23 / EAAI-23 Technical Sessions	
4:30 PM					
4:45 PM					
5:00 PM			5:00–6:00 PM		
5:15 PM	5:00–7:00 PM	5:00–7:00 PM		5:00–6:00 PM	
5:30 PM	AAAI Award for AI for the Benefit of Humanity Lecture AAAI-23 Invited Talk: Sebastien Bubeck	AAAI-23 Invited Talk: Josh Tenenbaum AAAI-23 / IAAI-23 Invited Talk: Susan Murphy		AAAI-23 Invited Talk: Anima Anandkumar	
5:45 PM					
6:00 PM					
6:15 PM					
6:30 PM					
6:45 PM					
7:00 PM			6:15–8:15 PM	6:00–8:00 PM	
7:15 PM			Posters / Demos Reception	Posters / Demos Reception	
7:30 PM					
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7:55 PM					
8:00 PM	7:00–9:00 PM	7:00–9:00 PM			
8:15 PM	Posters / Demos Reception	Posters / Demos Reception			
8:30 PM					
8:45 PM					
9:00 PM					



Conference Program Overview

	MONDAY, FEBRUARY 13	TUESDAY, FEBRUARY 14
8:30 AM	8:30 AM – 6:00 PM Full Day Workshop	8:30 AM – 12:30 PM Morning Half-Day Workshop
8:45 AM		
9:00 AM		
9:15 AM		
9:30 AM		
9:45 AM		
10:00 AM	10:30–11:00 AM Break	10:30–11:00 AM Break
10:15 AM		
10:30 AM		
10:45 AM		
11:00 AM		
11:15 AM		
11:30 AM	8:30 AM – 6:00 PM Full Day Workshop	8:30 AM – 12:30 PM Morning Half-Day Workshop
11:45 AM		
12:00 PM		
12:15 PM		
12:30 PM		
12:45 PM		
1:00 PM	12:30–2:00 PM Lunch	12:30–2:00 PM Lunch
1:15 PM		
1:30 PM		
1:45 PM		
2:00 PM		
2:15 PM		
2:30 PM	8:30 AM – 6:00 PM Full Day Workshop	2:00–6:00 PM Afternoon Half-Day Workshop
2:45 PM		
3:00 PM		
3:15 PM		
3:30 PM		
3:45 PM		
4:00 PM	3:30–4:00 PM Break	3:30–4:00 PM Break
4:15 PM		
4:30 PM		
4:45 PM		
5:00 PM		
5:15 PM		
5:30 PM	8:30 AM – 6:00 PM Full Day Workshop	2:00–6:00 PM Afternoon Half-Day Workshop
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8:45 PM		
9:00 PM		

Invited Talks



Ballroom ABC, Level 3

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THURSDAY, FEBRUARY 9

8:30–9:30 AM

Welcome from Chairs of AAI, IAAI, EAAI & AAI Community Meeting: Current State, Vision, and Engagement

5:00–6:00 PM

AAAI Award for AI for the Benefit of Humanity Lecture: Modern Organ Exchanges: Market Designs, Algorithms, and Opportunities
Tuomas Sandholm,
Carnegie Mellon University

6:00–7:00 PM

AAAI-23 Invited Talk: Physics of AI – Some First Steps
Sebastien Bubeck, Microsoft

FRIDAY, FEBRUARY 10

8:30–9:30 AM

IAAI Englemore Award Lecture: AI in Robotics & AI in Finance
Manuela Veloso,
JP Morgan Chase

5:00–6:00 PM

AAAI-23 Invited Talk: Learning to See the Human Way
Josh Tenenbaum,
Massachusetts Institute of Technology

6:00–7:00 PM

AAAI-23 / IAAI-23 Invited Talk: We Used Reinforcement Learning; But Did It Work?
Susan Murphy,
Harvard University

SATURDAY, FEBRUARY 11

8:30–9:30 AM

AAAI-23 / IAAI-23 Invited Talk: Robots with a Sense of Touch: Self-Replicating the Machine and Learning the Self
Sammi Haddadin,
Technical University of Munich

3:45–4:45 PM

AAAI-23 Invited Talk: (Formal) Languages Help AI agents Learn and Reason
Sheila McIlraith,
University of Toronto

4:45–5:45 PM

AAAI-23 Invited Talk: Beyond Fact Checking – Modelling Information Change in Scientific Communication
Isabelle Augenstein,
University of Copenhagen

SUNDAY, FEBRUARY 12

8:30–9:30 AM

AAAI-23 Invited Talk: New Design Decisions for Modern AI Agents
Vincent Conitzer,
Carnegie Mellon University

5:00–6:00 PM

AAAI-23 Invited Talk: AI Accelerating Science: Neural Operators for Learning on Function Spaces
Anima Anandkumar,
Caltech and NVIDIA

Special Events



TUESDAY, FEBRUARY 7

8:00 AM – 5:00 PM

Undergraduate Consortium
Room 209BC, Level 2

8:45 AM – 6:00 PM

AAAI/SIGAI Doctoral Consortium
Room 209A, Level 2

6:00–7:00 PM

Student Reception
Ballroom Lobby, Level 3

WEDNESDAY, FEBRUARY 8

8:45 AM – 6:00 PM

AAAI/SIGAI Doctoral Consortium
Room 209A, Level 2

6:00–7:30 PM

AAAI-23 Opening Reception
Ballroom A, Foyer

THURSDAY, FEBRUARY 9 – SUNDAY, FEBRUARY 12

10:45–11:15 AM & 3:15–3:45 PM

Daily Refreshment Breaks
Exhibit Hall D, Level 2

Presented by our Gold sponsor  Colossal-AI

VARIOUS EVENING TIMES – SEE PAGE 6

Poster / Demo Receptions
Exhibit Hall D, Level 2

Presented by our Diamond sponsor 

SATURDAY, FEBRUARY 11

7:00 AM

Inaugural AAAI 5K Fun Run
Leaves from Marriott Marquis

12:30–3:00 PM

Job Fair
Exhibit Hall D, Level 2

SUNDAY, FEBRUARY 12

12:30–2:00 PM

Women's Mentoring Lunch
Room 204BC, Level 2

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Diversity & Inclusion Events



THURSDAY, FEBRUARY 9

9:30 AM – 7:00 PM

Promoting Meaningful, Beneficial and Informed Participation of African Communities in the Development and Utilization of AI Solutions

Room 206

9:30 AM – 12:30 PM

Misidentification in AI: Framing the Face In-Between Machine-Classified & Self-Perceived Gender

Room 209ABC

FRIDAY, FEBRUARY 10

9:30 AM – 7:00 PM

Second International Workshop on Social Impact of AI for Africa (SIAIA-23)

Room 206

10:00 AM – 12:00 PM

2023 Mid-Career Diversity Tea and Cake – MIDCAR

Room 209ABC

2:00–5:00 PM

Queer in AI Social Event

Room 209ABC

SATURDAY, FEBRUARY 11

9:30–11:30 AM

Making Money While Doing Good!

Room 206

9:30 AM – 7:00 PM

4th AAAI Workshop on Artificial Intelligence – Diversity, Belonging, Equity, and Inclusion (AIDBEI)

Room 209ABC

SUNDAY, FEBRUARY 12

12:30–2:00 PM

Womens' Mentoring Lunch

(advance purchase reservation only)

Room 204BC

MONDAY, FEBRUARY 13

9:30 AM – 7:00 PM

Inclusive and Diverse K-12 AI Literacy – Stakeholder Workshop

Room 206

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