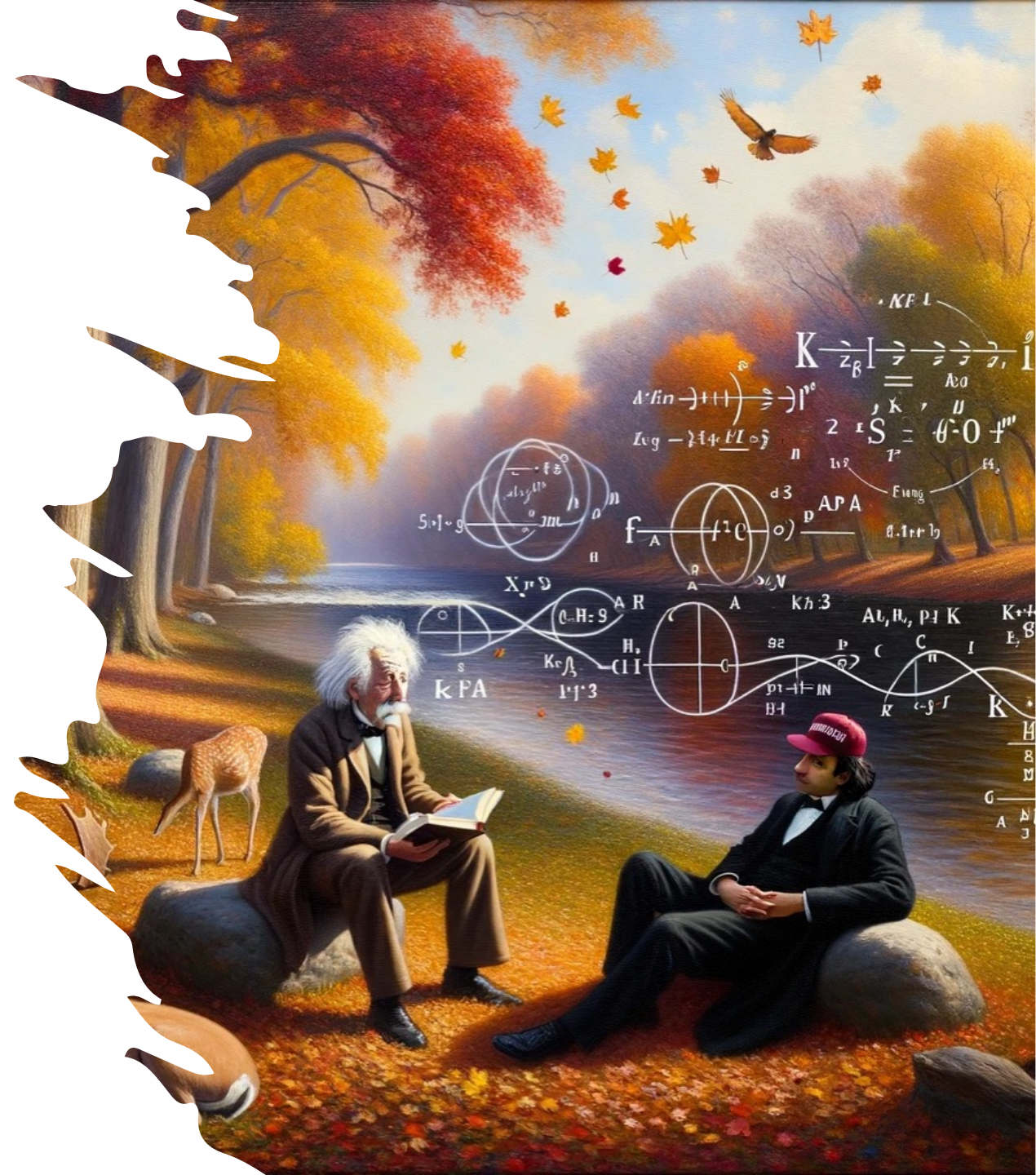


Amplitudes 2024

Institute for Advanced Study

ias.edu/amplitudes2024



We have a social **anti-distancing** policy in Wolfensohn Hall
Please squeeze in!



Overflow rooms (no mics for questions) in tents,
Bloomberg Hall and Rubenstein Commons



David Nirenberg

Director of the
Institute for Advanced Study

Welcome!

Organizers



Nima
Arkani-Hamed



Jacob
Bourjaily



Hofie
Hannesdottir



Sebastian
Mizera

Academic staff

Amanda Cenker, Lisa Fleischer, Michelle Sage,
Audrey Smerkanich, Emily Smerkanich



If you have questions: amplitudes2024@ias.edu

Sponsors

IAS

INSTITUTE FOR
ADVANCED STUDY



European Research Council
Established by the European Commission



AMIAS

ASSOCIATION OF MEMBERS OF THE
INSTITUTE FOR ADVANCED STUDY

**Carl P. Feinberg Program in
Cross-Disciplinary Innovation**

Amplitudes 2024

Time (ET)	Monday, Jun 10	Tuesday, Jun 11	Wednesday, Jun 12	Thursday, Jun 13	Friday, Jun 14
7:30 - 8:00 AM					
8:00 - 8:45	Registration	Rider breakfast and buses			
8:45 - 9:00	Welcome: David Nirenberg				
	Chair: Bourjaily	Chair: Del Duca	Chair: Trnka	Chair: Damgaard	Chair: Krasnov
9:00 - 9:45	Lorenzo Tancredi	Ian Mout	Bernd Sturmfels	Zvi Bern	Kevin Costello
9:45 - 10:15	Samuel Abreu	George Stermán	Lauren Williams	Stefano De Angelis	Mina Himwich
10:15 - 10:45	Federica Devoto	Natalia Toro	Carolina Figueiredo	Lucile Cangemi	Diksha Jain
10:45 - 11:30	<p style="text-align: center;">————— <i>coffee break</i> ————— (outside)</p>				
	Chair: Mogull	Chair: Peraro	Chair: Johansson	Chair: Heissenberg	Chair: Dixon
11:30 - 12:00 PM	Renata Kallosh	Yael Shadmi	Hayden Lee	David Kosower	Yifei He
12:00 - 12:30	Zahra Zahraee	Xiaofeng Xu	Aidan Herderschee	Mikhail Ivanov	Mathieu Giroux
12:30 - 1:00	Christian Copetti	Franziska Porkert	Mariana Carrillo González	Alessandra Buonanno	Juan Maldacena
1:00 - 2:15	<p style="text-align: center;">————— <i>lunch break</i> ————— (outside)</p>				

Time (ET)	Monday, Jun 10	Tuesday, Jun 11	Wednesday, Jun 12	Thursday, Jun 13	Friday, Jun 14
1:00 - 2:15	————— <i>lunch break</i> ————— (outside)				
	Chair: Gardi	Chair: Salvatori	Chair: Pleafka	Chair: Parra-Martinez	
2:15 - 3:00	Iain Stewart	François Charton	Stephen Sharpe	Oliver Schlotterer	
3:00 - 3:30	Chiara Signorile-Signorile	Andrew McLeod	Marcus Spradlin	Tobias Hansen	
3:30 - 4:00	————— <i>tea break</i> ————— (outside)				
4:00 - 4:15					
4:15 - 4:30	Group photo	Chair: Spiering	Chairs: Hannesdottir & Mizera	Women+ in Amplitudes (Rubenstein Commons)	
4:30 - 5:00	Welcome Reception (Rubenstein Commons)	Shruti Paranjape	Gong show		
5:00 - 5:30		Johannes Henn			
5:30 - 6:00				AMIAS Reception (Rubenstein Commons)	
6:00 - 6:30					
6:30 - 7:30	Rider buses		Conference dinner (Simons Hall)	Rider buses	
7:30 - 8:30	Rider dinner		Panel discussion: Nima Arkani-Hamed, Lance Dixon, Graham Farmelo, Rachel Rosen	Rider dinner	
9:00			Rider bus		

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1:00 - 2:15	————— <i>lunch break</i> ————— (outside)								
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2:15 - 3:00	Iain Stewart	François Charton	Stephen Sharpe	Oliver Schlotterer					
3:00 - 3:30	Chiara Signorile-Signorile	Andrew McLeod	Marcus Spradlin	Tobias Hansen					
3:30 - 4:00	Schedule is very tight								
4:00 - 4:15									
4:15 - 4:30						Group photo			men+ in Amplitudes (Rubenstein Commons)
4:30 - 5:00						Welcome Reception (Rubenstein Commons)			
5:00 - 5:30							Johannes Henn	Gong show	AMIAS Reception (Rubenstein Commons)
5:30 - 6:00									
6:00 - 6:30									
6:30 - 7:30	Rider buses		Conference dinner (Simons Hall)	Rider buses					
7:30 - 8:30	Rider dinner		Panel discussion: Nima Arkani-Hamed, Lance Dixon, Graham Farmelo, Rachel Rosen	Rider dinner					
9:00			Rider bus						

Time (ET)	Monday, Jun 11	Wednesday, Jun 12	Thursday, Jun 13	Friday, Jun 14
1:00 - 2:15	<i>lunch break</i> (outside)			
2:15 - 3:00	Chair: Iain Stewart	Chair: Stephen Sharpe	Chair: Oliver Schlotterer	
3:00 - 3:30	Chiara Signorile-Signorile	Andrew McLeod	Marcus Spradlin	Tobias Hansen
3:30 - 4:00	<i>tea break</i> (outside)			
4:00 - 4:15				
4:15 - 4:30	Group photo	Chair: Spiering	Chairs: Hannesdottir & Mizera	Women+ in Amplitudes (Rubenstein Commons)
4:30 - 5:00	Welcome Reception (Rubenstein Commons)	Shruti Paranjape	Gong show	AMIAS Reception (Rubenstein Commons)
5:00 - 5:30		Johannes Henn		
5:30 - 6:00				
6:00 - 6:30				
6:30 - 7:30	Rider buses	Conference dinner (Simons Hall)	Rider buses	
7:30 - 8:30	Rider dinner	Panel discussion: Nima Arkani-Hamed, Lance Dixon, Graham Farmelo, Rachel Rosen	Rider dinner	
9:00		Rider bus		

**Lunch closes at
1:30 pm sharp**

Time (ET)	Monday, Jun 10	Tuesday, Jun 11	Wednesday, Jun 12	Thursday, Jun 13	Friday, Jun 14
1:00 - 2:15	————— <i>lunch break</i> ————— (outside)				
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3:30 - 4:00	————— <i>tea break</i> ————— (outside)				
4:00 - 4:15					
4:15 - 4:30	Group photo	Chair: Spiering	Chairs: Hannesdottir & Mizera	Women+ in Amplitudes (Rubenstein Commons)	
4:30 - 5:00	Welcome Reception (Rubenstein Commons)	Shruti Paranjape	Gong show	AMIAS Reception (Rubenstein Commons)	
5:00 - 5:30		Johannes Henn			
5:30 - 6:00					
6:00 - 6:30	Welcome drinks served until 6 pm				
6:30 - 7:30			Conference dinner (Simons Hall)		Rider buses
7:30 - 8:30		Rider dinner	Panel discussion: Nima Arkani-Hamed, Lance Dixon, Graham Farmelo, Rachel Rosen		Rider dinner
9:00			Rider bus		

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3:30 - 4:00	————— <i>tea break</i> ————— (outside)				
4:00 - 4:15					
4:15 - 4:30	Group photo	Chair: Spiering	Conference dinner closes at 7:00 pm sharp	Women+ in Amplitudes (Rubenstein Commons)	
4:30 - 5:00	Welcome Reception (Rubenstein Commons)	Shruti Paranjape			
5:00 - 5:30		Johannes Henn			
5:30 - 6:00				AMIAS Reception (Rubenstein Commons)	
6:00 - 6:30					
6:30 - 7:30	Rider buses		Conference dinner (Simons Hall)	Rider buses	
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4:00 - 4:15					
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4:30 - 5:00	Welcome Reception (Rubenstein Commons)	Shruti Paranjape	Gong show	AMIAS Reception (Rubenstein Commons)	
5:00 - 5:30		Johannes Henn			
5:30 - 6:00					
6:00 - 6:30					
6:30 - 7:30	IT assistance at information desk today		Conference dinner (Simons Hall)		Rider buses
7:30 - 8:30			Panel discussion: Nima Arkani-Hamed, Lance Dixon, Graham Farmelo, Rachel Rosen		Rider dinner
9:00			Rider bus		

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4:00 - 4:15					
4:15 - 4:30	Group photo	Chair: Spiering	Chairs: Hannesdottir & Mizera	Women+ in Amplitudes (Rubenstein Commons)	
4:30 - 5:00	Welcome Reception (Rubenstein Commons)	Bring your badge every day!			
5:00 - 5:30					
5:30 - 6:00					AMIAS Reception (Rubenstein Commons)
6:00 - 6:30					
6:30 - 7:30	Rider buses		Conference dinner (Simons Hall)	Rider buses	
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9:00			Rider bus		

Schedule Summary

- **All talks** in Wolfensohn Hall

Overflow rooms: tents, Bloomberg Hall, Rubenstein Commons

- **Lunch served** 1-1:30 pm

- **Welcome Reception** Wed at 4:30-6:30 pm

Drinks served until 6 pm

- **Conference dinner served** Wed at 6:30-7:00 pm

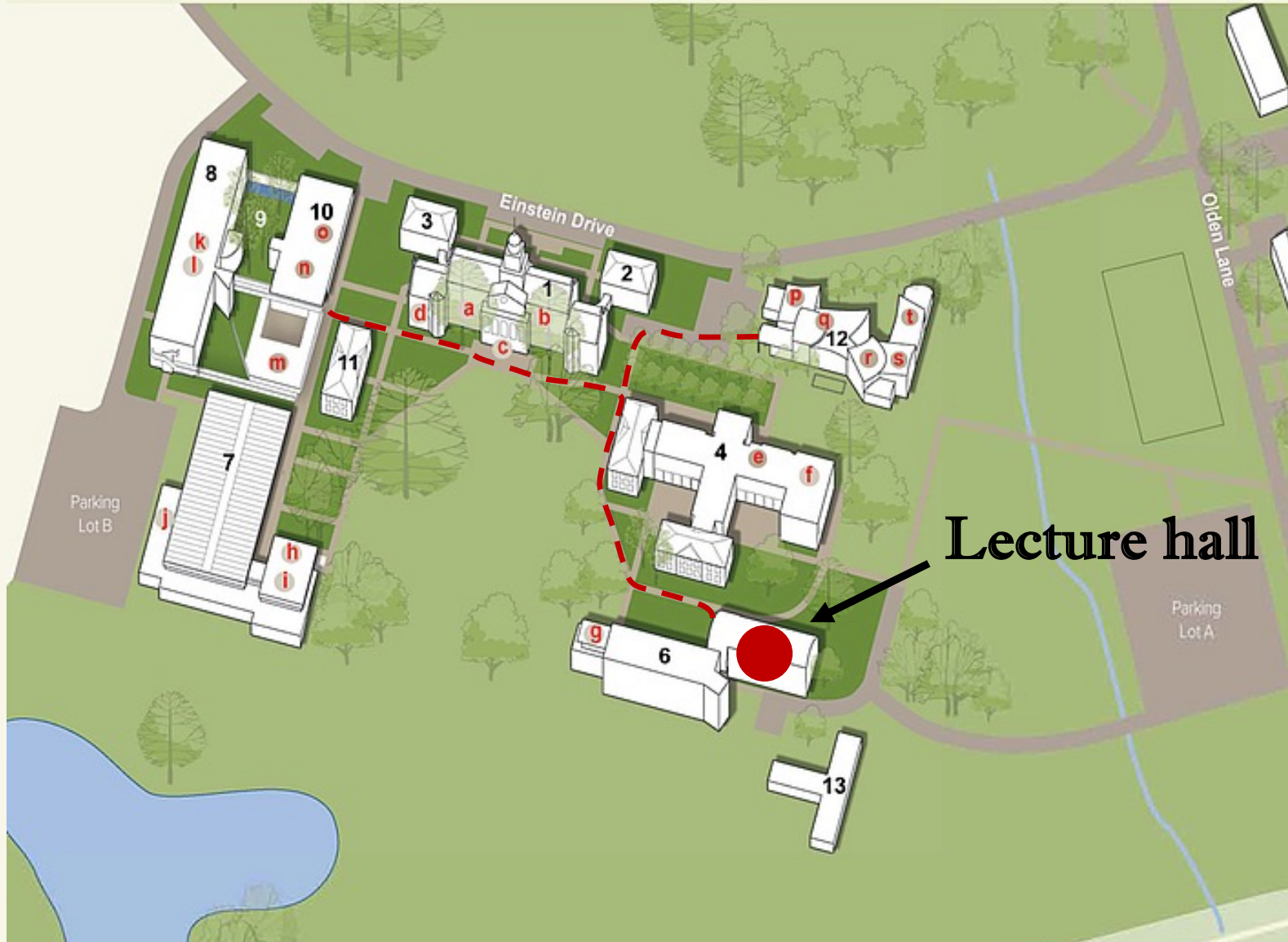
Followed by the panel discussion in the same hall

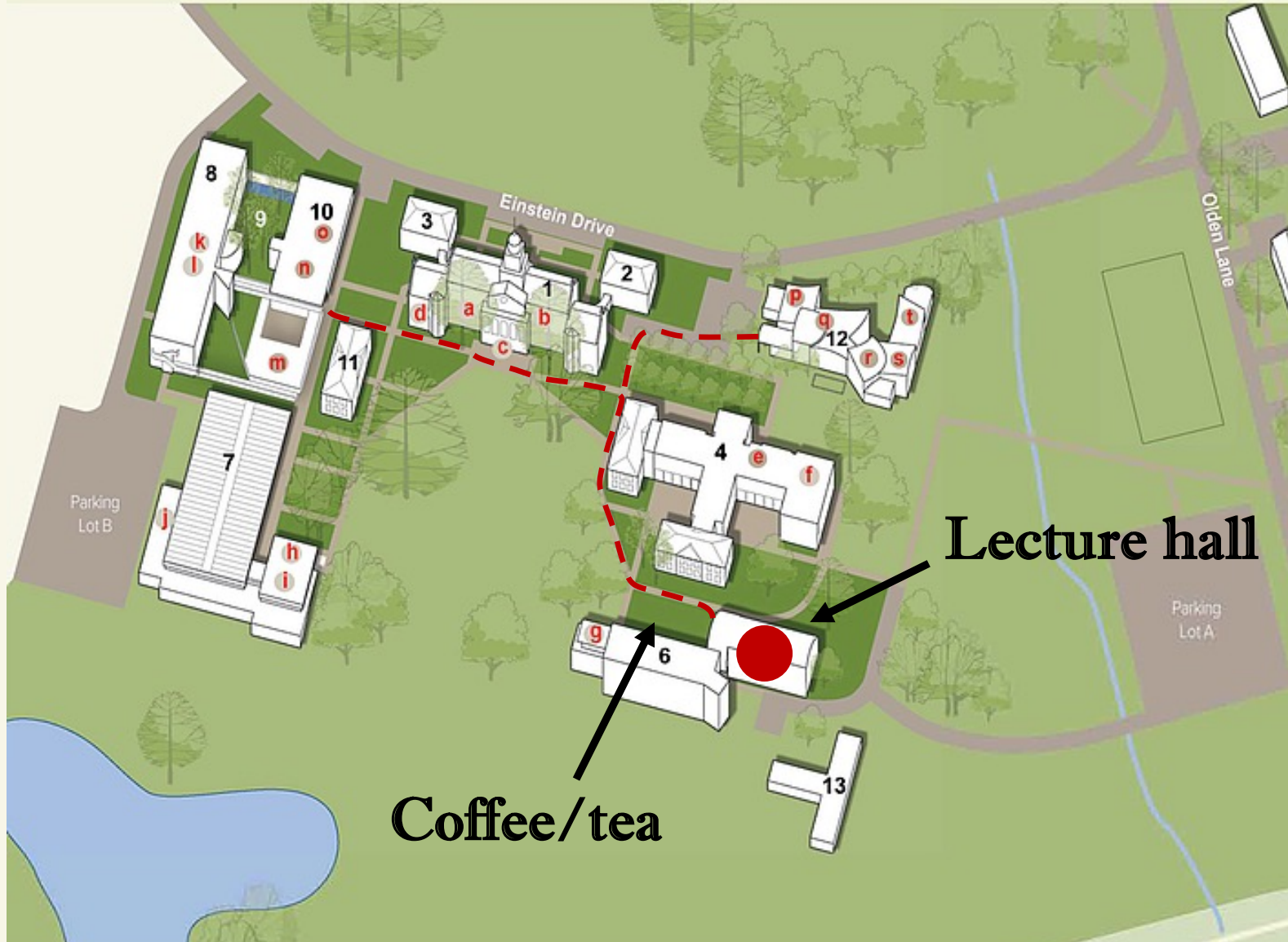
- **Women+ event** Thu at 4-5 pm

*Meetup for women+ and people who are interested
in the history of women at the Institute*

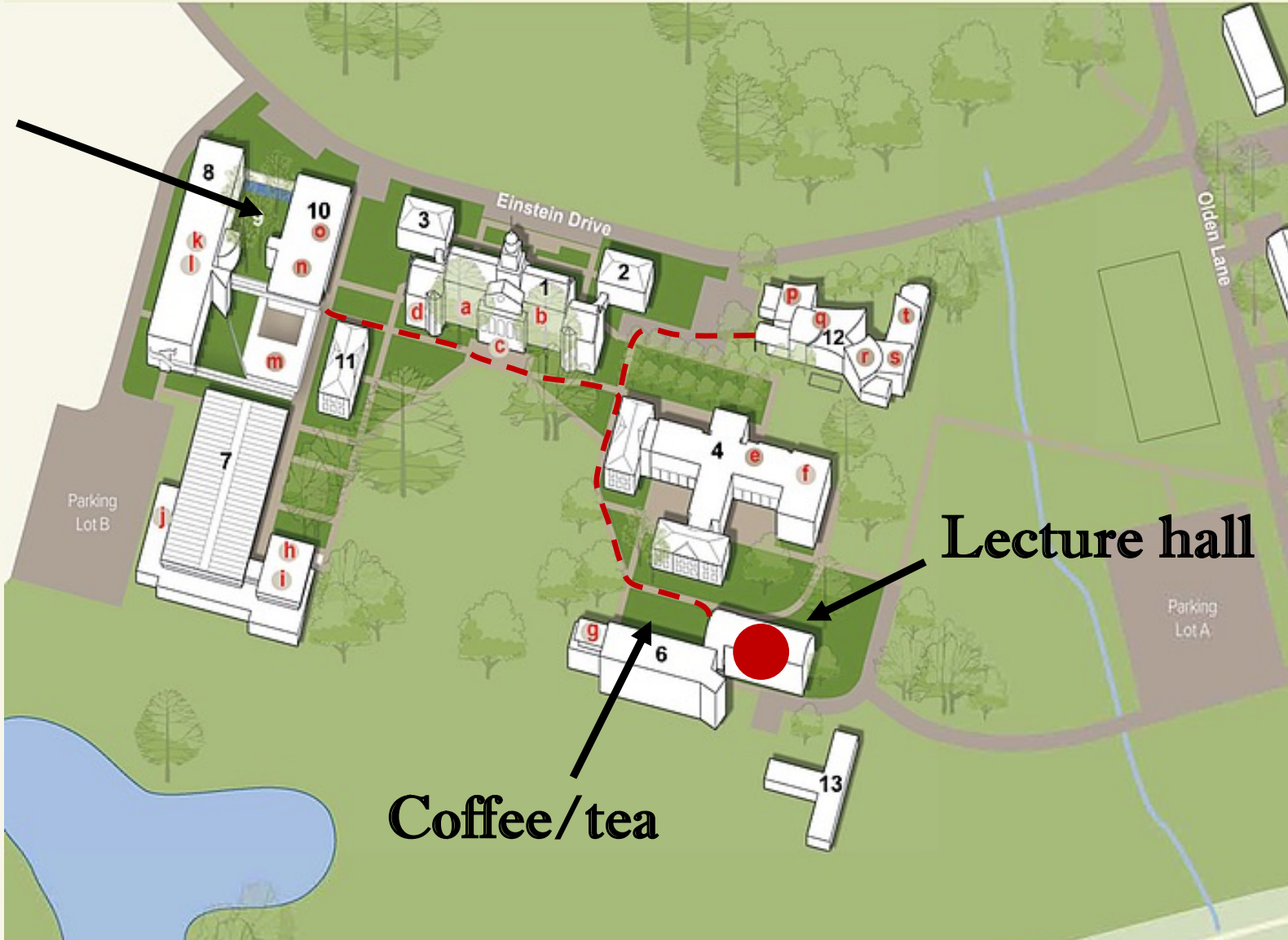
Hosted by Jennifer Richardson, Caitlin Rizzo and Michelle Sage

- **AMIAS Reception** Thu at 5-6:30 pm





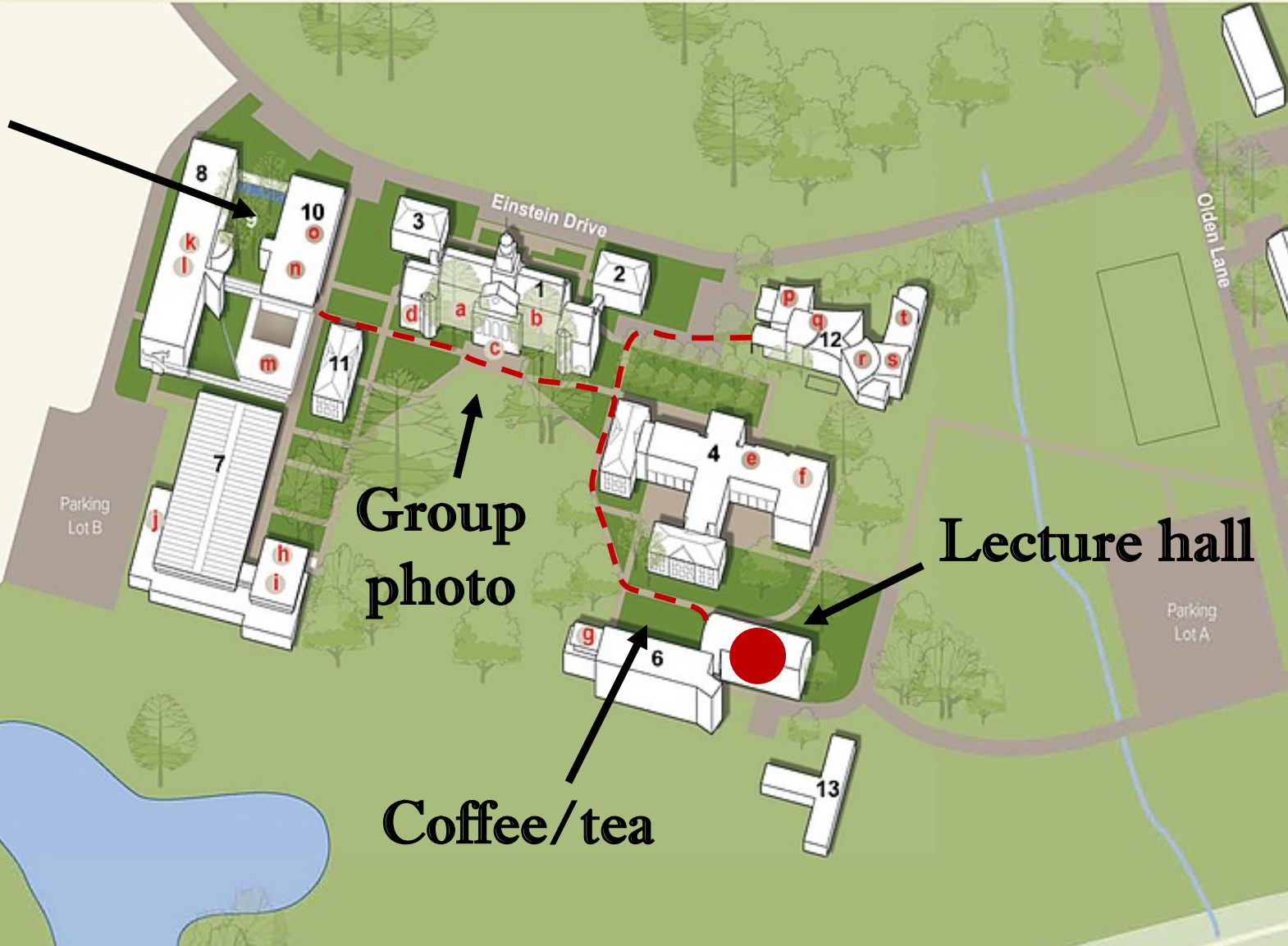
Lunch

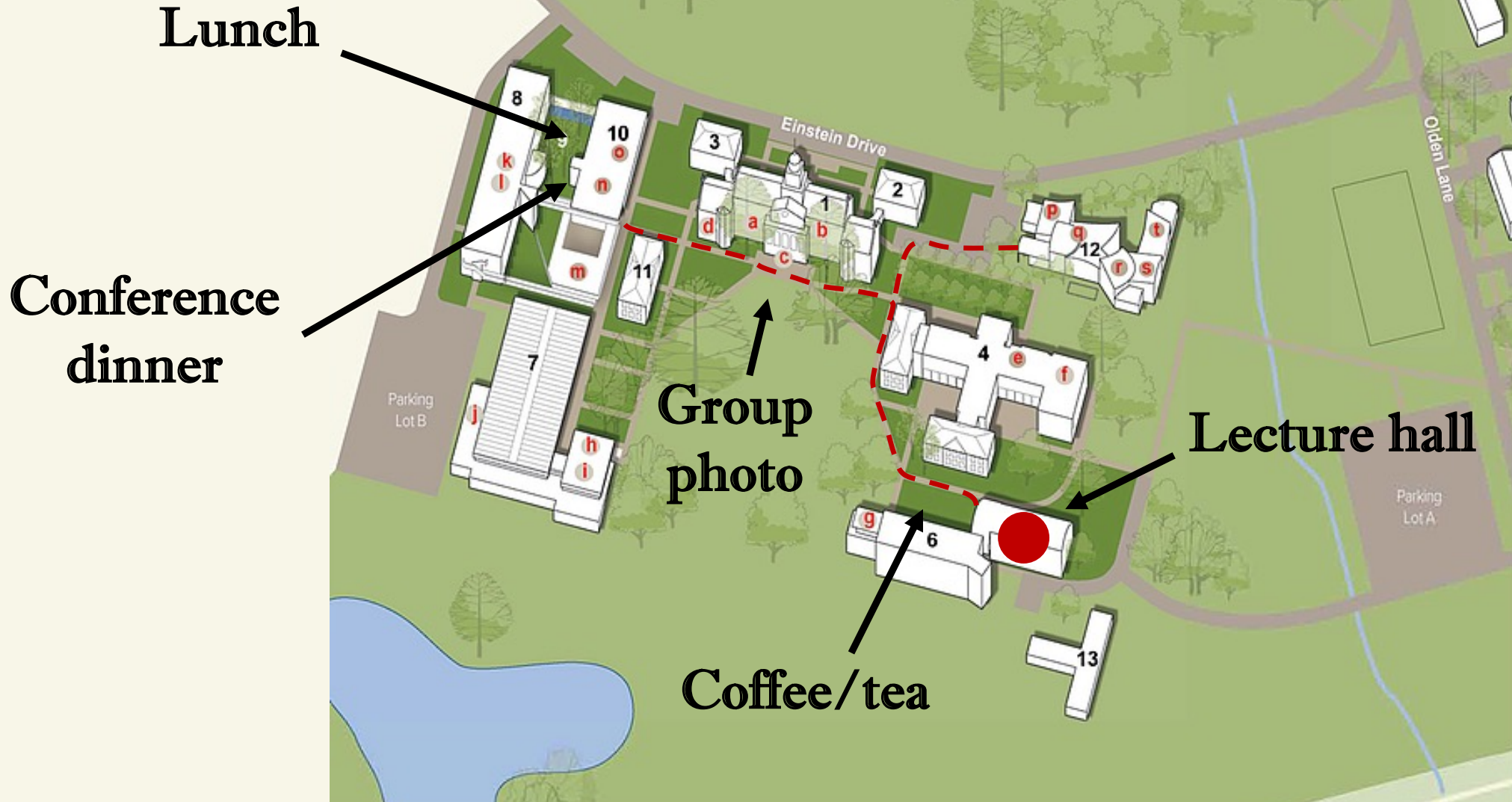


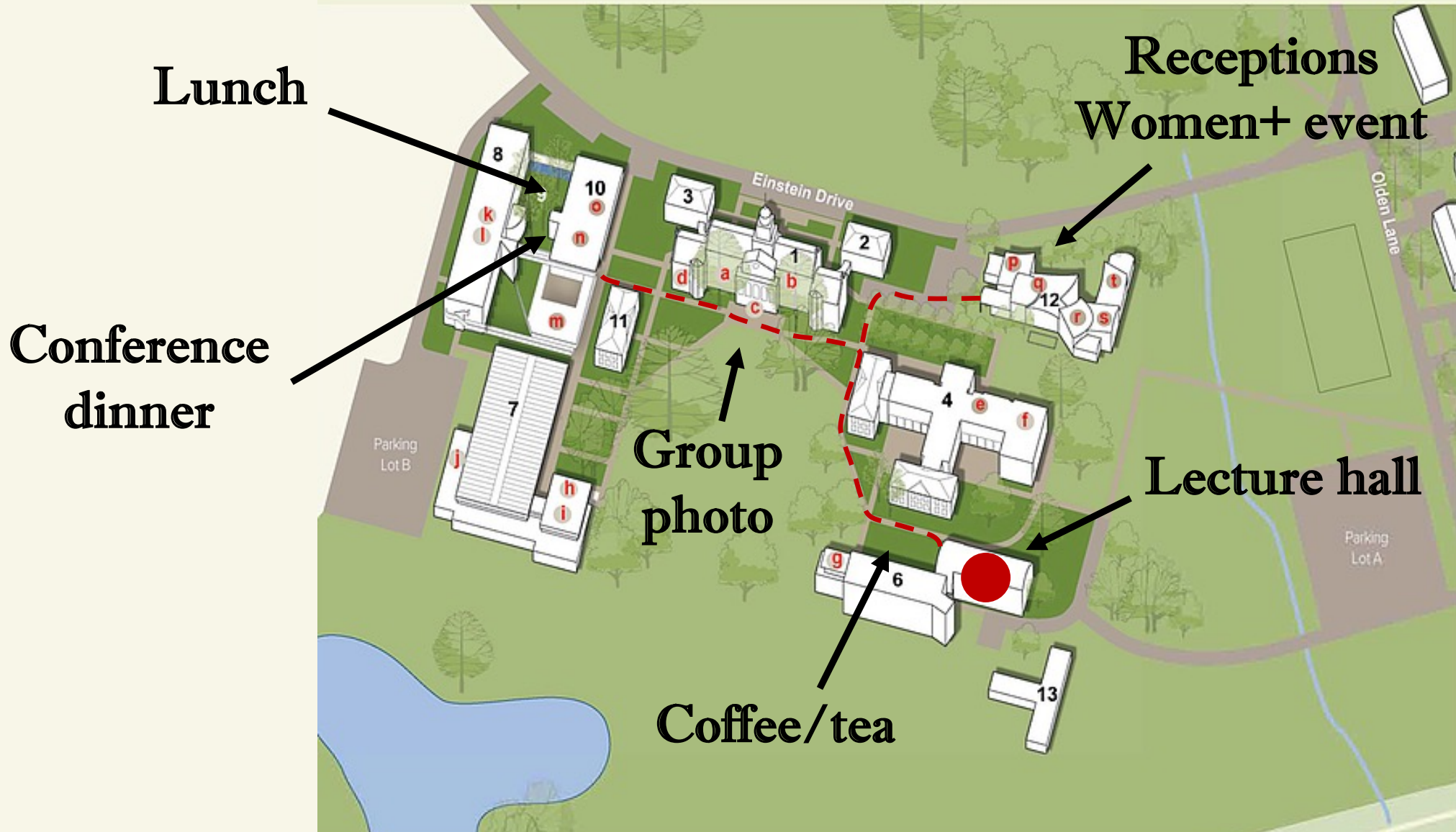
Lecture hall

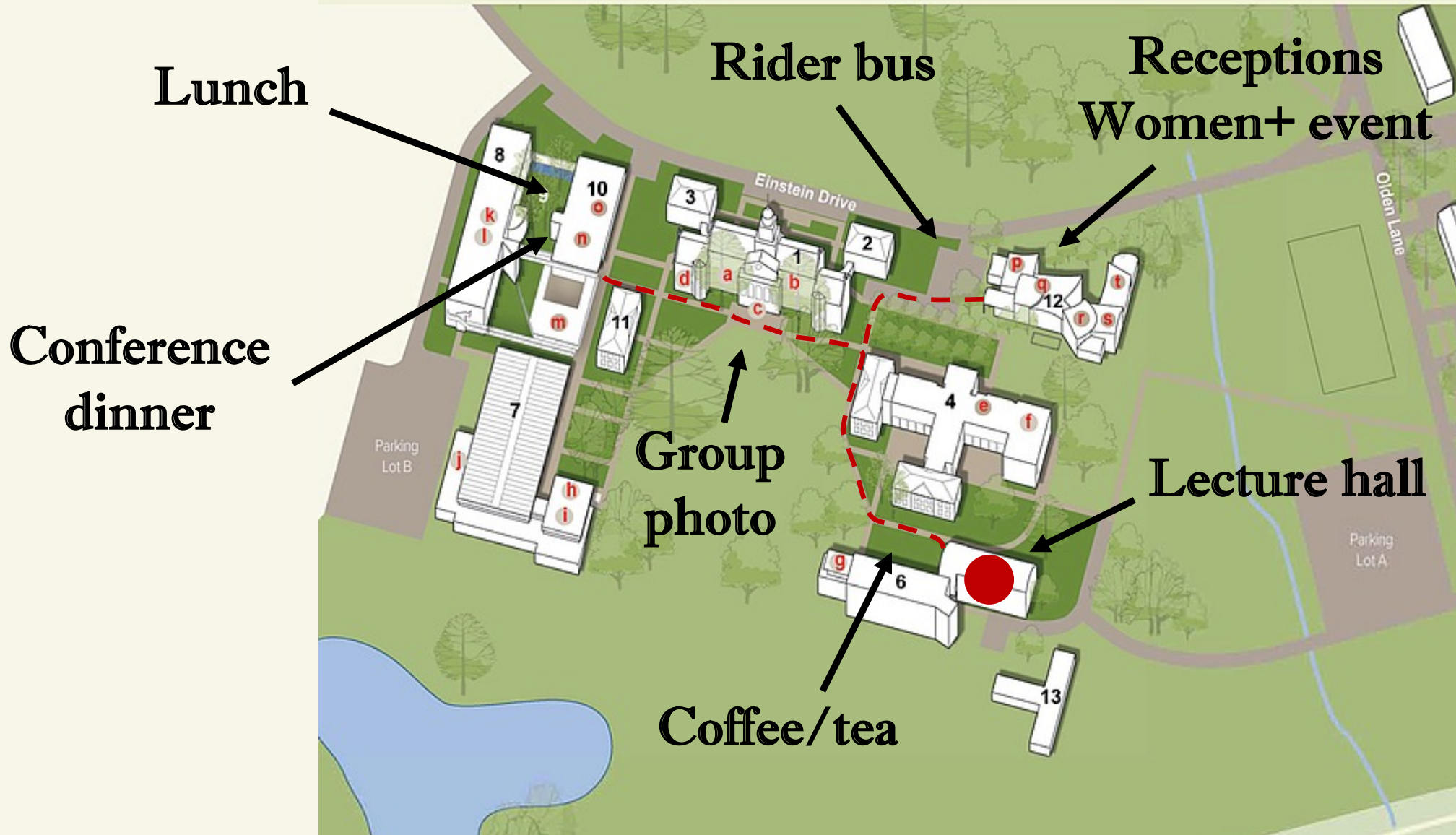
Coffee/tea

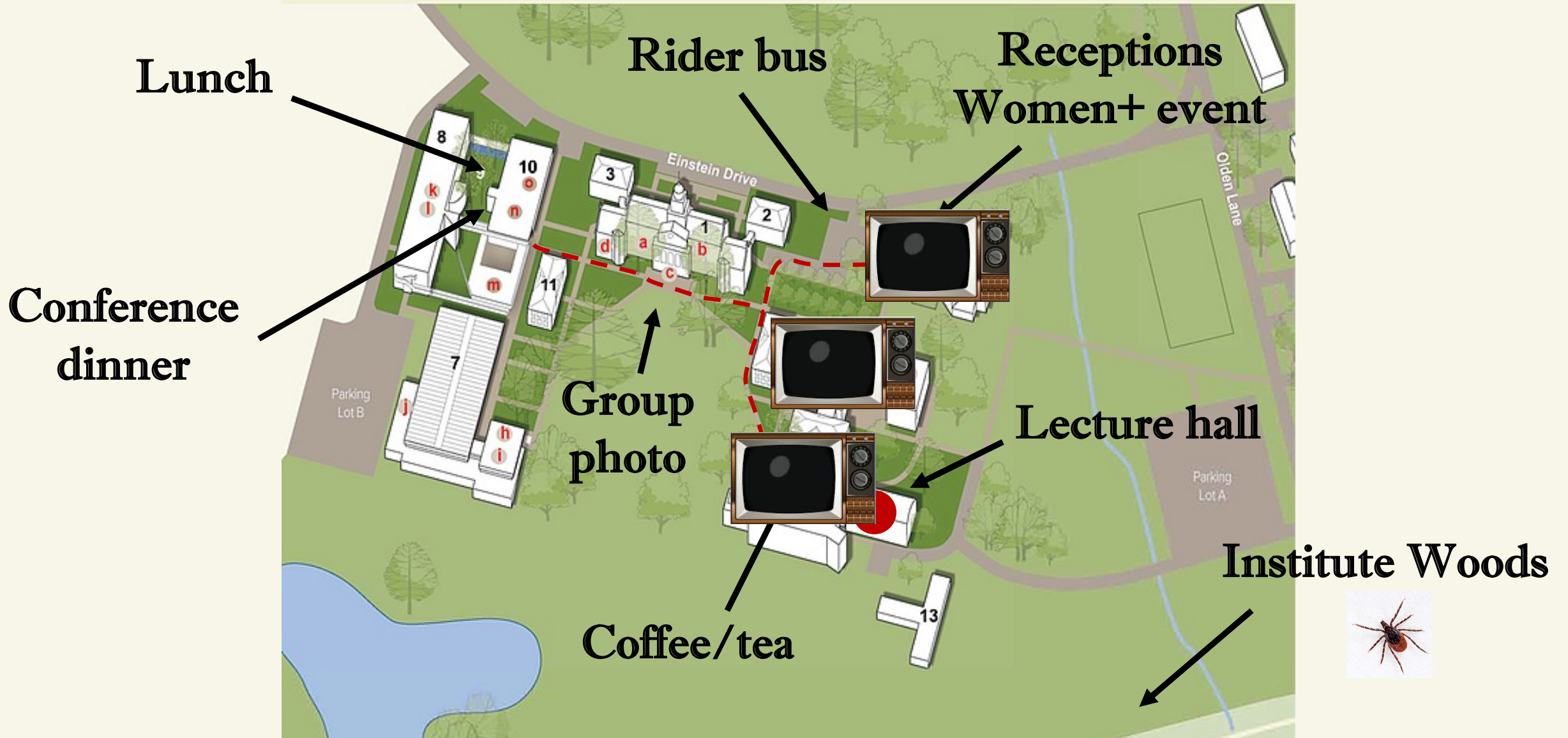
Lunch











Rider Housing

Check information email!

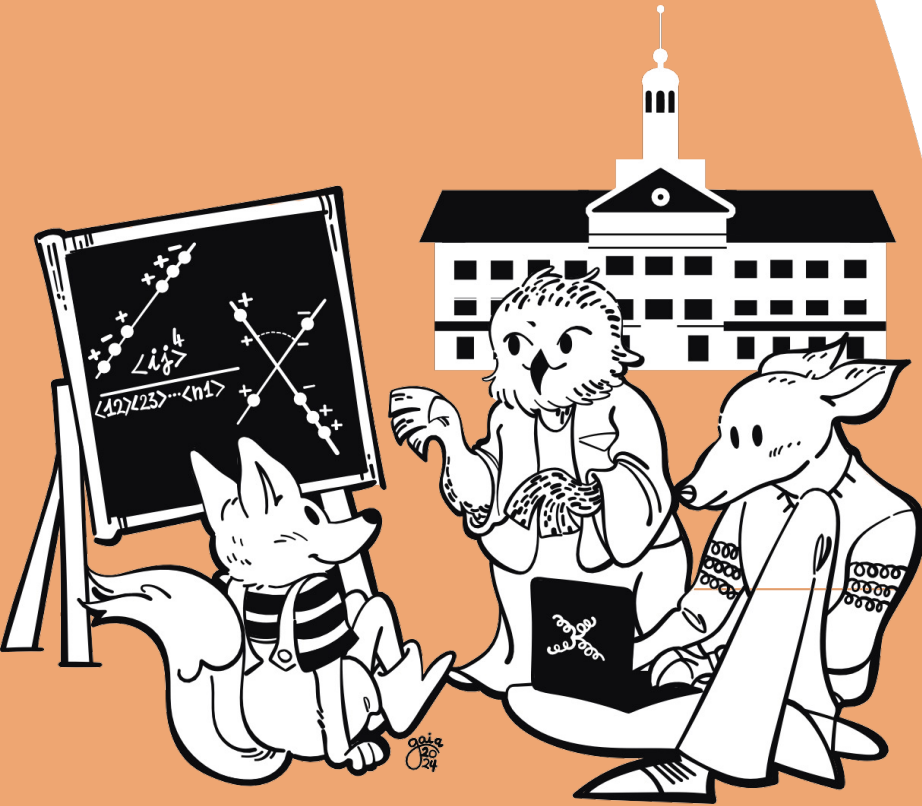
- **Breakfast 7:30 – 8:30 am**
(Mon, Tue, Wed, Thu, Fri)
- **Buses to IAS 7:30 – 8:35 am**
- **Buses to Rider 6:30 – 7:35 pm**
- **Dinner 7:30 – 8:30 pm**
(Mon, Tue, Thu, Fri)

Schedule is **strict**,
please plan accordingly



Amplitudes T-shirts

Designed by Gaia Fontana



- **Tue/Wed at 1:30 – 2:15 pm**
 - Lobby of **Simons Hall**
on the way from lunch
- Sizes/colors first-come first-serve
- **One** T-shirt included in registration
- **Extra T-shirts:** \$20 as of Thursday
at store.ias.edu