# ACT2019 Adjoint School Survey

Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

### Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
The git repo was easy to navigate	$\bigcirc$	$\bigcirc$		•	$\bigcirc$
Giving the presentations helped my learning		$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Composing the blogs helped my mathematical writing	$\bigcirc$	$\circ$	$\circ$	$\circ$	•

# Please add additional comments about the strengths or weaknesses of the online reading course?

The timeline is very crunched, with the difficulty of some papers, but it was a great	
challenge regardless. Thanks :)	

### In-person research week

This section is to measure the effectiveness of the in-person research week

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Rate		. • .	. •	9

	1 (strong disagree)	2	3	4	5 (strong agree)	
There was enough time to perform research	$\bigcirc$		•	$\bigcirc$	$\bigcirc$	
The end of day talks helped me understand other groups' work	$\bigcirc$	$\bigcirc$	$\bigcirc$			
My presenting skills improved through speaking at the end of the day		$\bigcirc$				
The end of day talks should instead be in the morning	•	$\circ$	$\bigcirc$	$\bigcirc$		
I wished the mentors gave more talks	$\circ$	$\circ$	$\circ$	$\circ$	•	
My group will continue collaborating in the future	$\circ$	$\circ$	$\circ$	$\circ$	•	
Please add additional comments on the in-person research week or expand on your answers above.						

### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

### How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	0	0		$\circ$	•
Increase the cohesivity of the ACT Community	$\bigcirc$	$\circ$	$\circ$	$\bigcirc$	•
Increase your interest in ACT	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Expose you to new applications of category theory	$\bigcirc$	$\circ$			•
Increase your knowledge of category theory	$\bigcirc$	$\circ$	$\circ$	$\bigcirc$	•
Bridge divides across areas of application	$\bigcirc$	$\circ$	$\bigcirc$	•	$\bigcirc$

Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

## Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	•	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$	•		
Converse about research-level mathematics	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
Present to a room full of collegues	$\bigcirc$	•	$\circ$	$\bigcirc$	$\bigcirc$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally	$\bigcirc$	$\bigcirc$		•	
Have conversations about research-level mathematics		$\bigcirc$		•	
Present math to a room full of collegues	$\bigcirc$	$\bigcirc$	$\circ$	•	$\bigcirc$

## Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory	•	$\bigcirc$		$\bigcirc$	
I am confident doing applied research	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$		•	
I feel part of a research community	$\circ$	•	$\circ$	$\bigcirc$	$\circ$

# Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)		
I am confident doing research involving category theory		$\bigcirc$	$\bigcirc$	•			
I am confident doing applied research	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$		
I am interested in the field of applied category theory		$\bigcirc$	$\bigcirc$				
I feel part of a research community	$\bigcirc$	$\circ$	$\circ$	$\bigcirc$	•		
Please add additional comments on how the school affected your abilities or expand on answers given above.							

## **Teaching Assistants**

This section is to measure the helpfulness of the TAs

Rate the follow	VI	ın	ıa

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)
The TA helped me understand the background reading		$\bigcirc$		•	$\bigcirc$
The TA added to my ability to participate in research	$\bigcirc$	$\bigcirc$		•	$\bigcirc$

# Please add additional comments on the strengths or weaknesses of your TA?

Derek is clearly very smart, but not always the best at explaining thir	ıgs
-------------------------------------------------------------------------	-----

#### **Mentors**

This section is to measure the helpfulness of the mentors.

ь.		<i>c</i> 11		
Rate	the	tol	lowin	a

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)		
My mentor helped me understand the background reading				$\circ$			
My mentor came to the week well- prepared to lead research activities				$\bigcirc$			
I improved my research skills through working with my mentor		$\bigcirc$		$\circ$	•		
You had a clear idea about the research goals during the in person week				•			
Please add additional comments about the strengths or weaknesses of your mentor?							
Bartosz killed it. Love him.							

# Freestyling

# Please add any further comments you have about the ACT2019 School.

Hope to see y'all again soon. I had a ton of fun and I'm extremely pleased with how things went.

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# ACT2019 Adjoint School Survey

Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

### Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
The git repo was easy to navigate	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Giving the presentations helped my learning		$\circ$	$\bigcirc$		•
Composing the blogs helped my mathematical writing	$\bigcirc$	$\circ$	$\circ$	$\circ$	•

weaknesses of the online reading course?

# In-person research week

This section is to measure the effectiveness of the in-person research week

### Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
There was enough time to perform research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
The end of day talks helped me understand other groups' work		$\bigcirc$	$\bigcirc$	•	$\bigcirc$
My presenting skills improved through speaking at the end of the day		$\bigcirc$	•		
The end of day talks should instead be in the morning		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$
I wished the mentors gave more talks	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\circ$
My group will continue collaborating in the future	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•

Please add additional comments on the in-person research week or expand on your answers above.

I'm frankly torn on whether it would have been better to have the research week before the conference or after. It would be cool to talk about progress from the school at the conference, but I think ultimately ideas discussed at the conference contributed a lot to our work in the research week.

## **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

## How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)		
Help you get to know established researchers	$\circ$	0	$\circ$	•	0		
Increase the cohesivity of the ACT Community	$\circ$	$\circ$	$\circ$	$\circ$	•		
Increase your interest in ACT	$\bigcirc$	$\bigcirc$		$\bigcirc$	•		
Expose you to new applications of category theory	$\circ$	$\bigcirc$	$\circ$	$\bigcirc$	•		
Increase your knowledge of category theory	$\circ$	$\circ$	$\circ$	•	$\bigcirc$		
Bridge divides across areas of application	$\circ$	$\bigcirc$	$\circ$	•			
Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.							

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

### Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	
Converse about research-level mathematics	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Present to a room full of collegues	$\circ$	$\circ$	$\circ$	•	$\bigcirc$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	
Have conversations about research-level mathematics		$\bigcirc$			•
Present math to a room full of collegues	$\circ$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$

## Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory		$\circ$		$\bigcirc$	•
I am confident doing applied research	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\circ$
I am interested in the field of applied category theory		$\bigcirc$			•
I feel part of a research community	$\circ$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$

# Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)		
I am confident doing research involving category theory		$\bigcirc$	•	$\bigcirc$			
I am confident doing applied research	•	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		
I am interested in the field of applied category theory		$\bigcirc$	•	$\bigcirc$			
I feel part of a research community	$\circ$	$\circ$	•	$\circ$	$\bigcirc$		
Please add additional comments on how the school affected your abilities or expand on answers given above.							

### **Teaching Assistants**

This section is to measure the helpfulness of the TAs

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)		
The TA helped me understand the background reading		$\circ$		$\circ$	•		
The TA added to my ability to participate in research		$\circ$		$\bigcirc$			
Please add additional comments on the strengths or weaknesses of your TA?							

### Mentors

This section is to measure the helpfulness of the mentors.

		•	•
Rate	tha	+~!	IDA
<b>R a i e</b>	111	1 ( ) [	 
Nate	uic	101	пи
			J

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)	
My mentor helped me understand the background reading	$\bigcirc$	$\bigcirc$		$\bigcirc$	•	
My mentor came to the week well- prepared to lead research activities		$\bigcirc$		$\bigcirc$	•	
I improved my research skills through working with my mentor		$\bigcirc$		•		
You had a clear idea about the research goals during the in person week						
Please add additional comments about the strengths or weaknesses of your mentor?						

# Freestyling

# Please add any further comments you have about the ACT2019 School.

The organizers did a really nice job and were in large part responsible for the success of the program.

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# ACT2019 Adjoint School Survey

Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\circ$	•	$\bigcirc$	$\bigcirc$
The git repo was easy to navigate	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Giving the presentations helped my learning		$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Composing the blogs helped my mathematical writing	$\bigcirc$	$\circ$	$\circ$	$\circ$	•

weaknesses of the online reading course?					

## In-person research week

This section is to measure the effectiveness of the in-person research week

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
There was enough time to perform research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
The end of day talks helped me understand other groups' work	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	
My presenting skills improved through speaking at the end of the day	$\bigcirc$	$\bigcirc$			
The end of day talks should instead be in the morning	•	$\circ$	$\circ$		
I wished the mentors gave more talks	$\circ$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
My group will continue collaborating in the future	0	0	$\circ$	•	
Please add additional comments on the in-person research week or expand on your answers above.					

### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

### How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	$\circ$	$\circ$		$\bigcirc$	
Increase the cohesivity of the ACT Community	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Increase your interest in ACT		$\bigcirc$		$\bigcirc$	•
Expose you to new applications of category theory	$\circ$	$\bigcirc$			
Increase your knowledge of category theory	$\circ$	$\bigcirc$	$\circ$	$\bigcirc$	•
Bridge divides across areas of application	$\bigcirc$	$\circ$		$\bigcirc$	•

Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

### Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\circ$	$\bigcirc$	•	$\bigcirc$	$\circ$
Write mathematics, formally or informally		$\bigcirc$		$\bigcirc$	
Converse about research-level mathematics	$\bigcirc$	$\bigcirc$	•	$\circ$	$\bigcirc$
Present to a room full of collegues	$\circ$	$\bigcirc$	$\circ$	•	$\circ$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally				•	$\bigcirc$
Have conversations about research-level mathematics				•	
Present math to a room full of collegues	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$

## Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory		•		$\circ$	$\circ$
I am confident doing applied research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$		•	
I feel part of a research community	$\circ$	$\bigcirc$	•	$\bigcirc$	$\circ$

# Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)	
I am confident doing research involving category theory			•			
I am confident doing applied research	$\bigcirc$	$\bigcirc$		•	$\bigcirc$	
I am interested in the field of applied category theory		$\bigcirc$	$\bigcirc$	•		
I feel part of a research community	$\circ$	$\circ$	$\circ$	•	$\circ$	
Please add additional comments on how the school affected your abilities or expand on answers given above.						

## **Teaching Assistants**

This section is to measure the helpfulness of the TAs

Rate the following	
--------------------	--

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)	
The TA helped me understand the background reading		$\circ$		$\bigcirc$	•	
The TA added to my ability to participate in research		$\bigcirc$		$\circ$		
Please add additional comments on the strengths or weaknesses of your TA?						

### Mentors

This section is to measure the helpfulness of the mentors.

		•	•
Rate	tha	+~!	IDA
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Nate	uic	101	пи
			J

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)	
My mentor helped me understand the background reading		$\bigcirc$		$\bigcirc$		
My mentor came to the week well- prepared to lead research activities		$\bigcirc$		$\circ$		
I improved my research skills through working with my mentor	$\bigcirc$	$\bigcirc$		$\circ$		
You had a clear idea about the research goals during the in person week				•		
Please add additional comments about the strengths or weaknesses of your mentor?						

# Freestyling

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Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

### Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
The git repo was easy to navigate	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Giving the presentations helped my learning		•		$\bigcirc$	$\circ$
Composing the blogs helped my mathematical writing	$\circ$	•	$\circ$	$\circ$	$\circ$

weaknesses of the online reading course?

# In-person research week

This section is to measure the effectiveness of the in-person research week

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)	
There was enough time to perform research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	
The end of day talks helped me understand other groups' work	$\bigcirc$	$\bigcirc$	•	$\circ$		
My presenting skills improved through speaking at the end of the day		$\bigcirc$				
The end of day talks should instead be in the morning	•	$\bigcirc$	$\bigcirc$			
I wished the mentors gave more talks	$\circ$	$\circ$	•	$\circ$	$\circ$	
My group will continue collaborating in the future	$\circ$	$\circ$	•	$\circ$	0	
Please add additional comments on the in-person research week or expand on your answers above.						

### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

### How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	$\circ$	$\circ$		$\circ$	$\circ$
Increase the cohesivity of the ACT Community	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Increase your interest in ACT	$\bigcirc$	$\bigcirc$		•	$\bigcirc$
Expose you to new applications of category theory	$\circ$	$\bigcirc$		•	$\circ$
Increase your knowledge of category theory	$\circ$	$\bigcirc$	•	$\bigcirc$	$\circ$
Bridge divides across areas of application	$\bigcirc$	•		$\bigcirc$	

Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

## Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	$\bigcirc$
Converse about research-level mathematics	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Present to a room full of collegues	$\circ$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	
Have conversations about research-level mathematics		$\bigcirc$		•	
Present math to a room full of collegues	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$

## Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory		$\bigcirc$		$\bigcirc$	$\bigcirc$
I am confident doing applied research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$		•	$\bigcirc$
I feel part of a research community	$\circ$	$\bigcirc$	$\circ$	•	$\circ$

# Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)			
I am confident doing research involving category theory		$\bigcirc$	•					
I am confident doing applied research		$\bigcirc$		•	$\bigcirc$			
I am interested in the field of applied category theory		$\bigcirc$	$\bigcirc$	•				
I feel part of a research community	$\circ$	$\circ$	$\circ$	•	$\circ$			
Please add additional comments on how the school affected your abilities or expand on answers given above.								

## **Teaching Assistants**

This section is to measure the helpfulness of the TAs

Rate		•		•
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	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)		
The TA helped me understand the background reading		$\bigcirc$		$\circ$			
The TA added to my ability to participate in research				$\bigcirc$			
Please add additional comments on the strengths or weaknesses of your TA?							

### Mentors

This section is to measure the helpfulness of the mentors.

		•	•
Rate	tha	+~!	IDA
<b>R a i e</b>	111	1 ( ) [	 
Nate	uic	101	пи
			J

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)		
My mentor helped me understand the background reading		$\bigcirc$		$\circ$			
My mentor came to the week well- prepared to lead research activities		$\bigcirc$		•			
I improved my research skills through working with my mentor		$\bigcirc$		•			
You had a clear idea about the research goals during the in person week				$\circ$	•		
Please add additional comments about the strengths or weaknesses of your mentor?							

# Freestyling

School.	

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### **Reading Course**

This section is to measure the helpfulness of the online reading course.

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$
The git repo was easy to navigate	$\bigcirc$	•		$\bigcirc$	$\bigcirc$
Giving the presentations helped my learning		$\circ$		$\bigcirc$	$\bigcirc$
Composing the blogs helped my mathematical writing	$\bigcirc$	$\circ$	$\circ$	•	$\circ$

weaknesses of the online reading course?

## In-person research week

This section is to measure the effectiveness of the in-person research week

Rate the follow	VI	ın	ıa

	1 (strong disagree)	2	3	4	5 (strong agree)	
There was enough time to perform research	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$	
The end of day talks helped me understand other groups' work	$\bigcirc$	$\bigcirc$	$\bigcirc$	•		
My presenting skills improved through speaking at the end of the day				•		
The end of day talks should instead be in the morning	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	
I wished the mentors gave more talks	$\circ$	$\circ$	$\circ$	$\circ$	•	
My group will continue collaborating in the future	$\circ$	0	•	0		
Please add additional comments on the in-person research week or expand on your answers above.						

### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

### How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	0	$\circ$	0	•	
Increase the cohesivity of the ACT Community	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
Increase your interest in ACT	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
Expose you to new applications of category theory	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	
Increase your knowledge of category theory	$\bigcirc$	$\circ$	$\circ$	•	$\bigcirc$
Bridge divides across areas of application	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	

Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

## Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	•	$\circ$	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally		•			
Converse about research-level mathematics	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
Present to a room full of collegues	$\circ$	$\bigcirc$	•	$\bigcirc$	$\circ$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	
Have conversations about research-level mathematics		$\bigcirc$		•	
Present math to a room full of collegues	$\circ$	$\bigcirc$	$\circ$	•	$\bigcirc$

## Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory		•		$\bigcirc$	$\bigcirc$
I am confident doing applied research	$\bigcirc$	•		$\bigcirc$	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$		$\bigcirc$	
I feel part of a research community	$\circ$	$\bigcirc$		$\bigcirc$	$\circ$

# Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)	
I am confident doing research involving category theory	$\circ$	$\circ$	•	$\bigcirc$		
I am confident doing applied research	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$	
I am interested in the field of applied category theory	$\circ$	$\bigcirc$	•			
I feel part of a research community	$\circ$	$\circ$	$\circ$	•	$\circ$	
Please add additional comments on how the school affected your abilities or expand on answers given above.						

## **Teaching Assistants**

This section is to measure the helpfulness of the TAs

<b>D</b> .				•
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	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)
The TA helped me understand the background reading		$\circ$		$\circ$	
The TA added to my ability to participate in research		$\circ$		$\circ$	
Please add ac your TA?	dditional cor	nments c	on the strengt	hs or wea	aknesses of

### Mentors

This section is to measure the helpfulness of the mentors.

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			J

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)	
My mentor helped me understand the background reading		$\bigcirc$		$\circ$		
My mentor came to the week well- prepared to lead research activities		•		$\circ$		
I improved my research skills through working with my mentor		$\bigcirc$		$\circ$		
You had a clear idea about the research goals during the in person week		•				
Please add additional comments about the strengths or weaknesses of your mentor?						

# Freestyling

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# ACT2019 Adjoint School Survey

Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
The git repo was easy to navigate	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Giving the presentations helped my learning		$\bigcirc$		•	$\circ$
Composing the blogs helped my mathematical writing	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	•

weaknesses of the online reading course?

## In-person research week

This section is to measure the effectiveness of the in-person research week

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
There was enough time to perform research	$\bigcirc$			•	$\bigcirc$
The end of day talks helped me understand other groups' work	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	•
My presenting skills improved through speaking at the end of the day					•
The end of day talks should instead be in the morning	•	$\bigcirc$	$\bigcirc$		
I wished the mentors gave more talks	$\bigcirc$	$\circ$	•	$\bigcirc$	$\bigcirc$
My group will continue collaborating in the future	$\bigcirc$	$\circ$	$\circ$	$\bigcirc$	•

# Please add additional comments on the in-person research week or expand on your answers above.

The in-person research week was a wonderful experience and extremely productive for the research we had been carrying out those previous months. It is not only the fact that it eases communication between the group, but also that the environment is perfect for this kind of research. Talking to other groups and exchanging ideas and problems made this week very fruitful. In some sense, having different groups working in different topics but with a shared language is the perfect environment for discovering connections between these apparently unrelated topics.

I am very happy with this experience. Doing research in an environment like this is surprisingly productive and stimulating. I must have learned in a week as much as I could have learned in months in any other circumstances.

#### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

# How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	$\circ$	$\bigcirc$			
Increase the cohesivity of the ACT Community	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Increase your interest in ACT	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
Expose you to new applications of category theory	$\circ$	$\bigcirc$		$\bigcirc$	
Increase your knowledge of category theory	$\bigcirc$	$\bigcirc$	$\circ$	$\bigcirc$	•
Bridge divides across areas of application	$\circ$	$\bigcirc$	$\circ$	$\circ$	•

Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

Thanks to the ACT School I have had the possibility of working with many of the researchers I had been following for years. Having studied for my undergrad in a university where category theory was not a research topic, this was an amazing opportunity.

I feel that ACT community is particularly kind and open to students, and that is one of its biggest strengths. The ACT School is crucially contributing to keep it that way. It makes the applied category theory community a stimulating and supportive environment very conductive to sharing ideas.

I decided to pursue a PhD position in applied category theory after this experience. It significantly changed the direction of my career: not only did it make me interested on the field, but it provided me with a wonderful opportunity to start working, producing mathematics and discussing with the leading researchers.

#### **Participant Abilities**

This section is to measure the effect of the school on yourself.

## Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	•	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally		•		$\bigcirc$	
Converse about research-level mathematics	•	$\circ$	$\bigcirc$	$\bigcirc$	$\circ$
Present to a room full of collegues	•	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	$\bigcirc$
Have conversations about research-level mathematics					•
Present math to a room full of collegues	$\circ$	$\bigcirc$	$\circ$	•	

# Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory	•	$\bigcirc$			$\bigcirc$
I am confident doing applied research	•	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I am interested in the field of applied category theory		•			$\bigcirc$
I feel part of a research community	•	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

## Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory	$\bigcirc$	$\circ$	$\circ$	•	0
I am confident doing applied research	$\bigcirc$	$\bigcirc$			$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$	$\bigcirc$	$\bigcirc$	•
I feel part of a research community	$\circ$	$\circ$	$\circ$	$\circ$	•

# Please add additional comments on how the school affected your abilities or expand on answers given above.

I have learned how to collaborate and to communicate mathematical ideas here. The continuous practice with the forum and the research week is invaluable to this regard. The skills I have learned here will be crucial to all my future career and I could not repeat enough how much this experience has been useful for me.

### **Teaching Assistants**

This section is to measure the helpfulness of the TAs

### Rate the following

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)
The TA helped me understand the background reading		$\bigcirc$		•	$\bigcirc$
The TA added to my ability to participate in research	$\circ$	$\circ$	$\circ$	•	$\circ$

your TA?

### **Mentors**

This section is to measure the helpfulness of the mentors.

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Rate	tha	+~!	IDA
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	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)	
My mentor helped me understand the background reading		$\bigcirc$		•		
My mentor came to the week well- prepared to lead research activities		$\bigcirc$		•		
I improved my research skills through working with my mentor		$\bigcirc$		•		
You had a clear idea about the research goals during the in person week				•		
Please add additional comments about the strengths or weaknesses of your mentor?						

# Freestyling

# Please add any further comments you have about the ACT2019 School.

Thank you very much. The school has given me the tools to start doing research but it has also made me be particularly interested on this field.

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# ACT2019 Adjoint School Survey

Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

### Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
The git repo was easy to navigate	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
Giving the presentations helped my learning		$\bigcirc$	$\bigcirc$	$\circ$	•
Composing the blogs helped my mathematical writing	$\circ$	$\circ$	•	$\circ$	$\circ$

weaknesses of the online reading course?						

# In-person research week

This section is to measure the effectiveness of the in-person research week

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	1 (strong disagree)	2	3	4	5 (strong agree)	
There was enough time to perform research	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	
The end of day talks helped me understand other groups' work	$\circ$	$\circ$	•	$\bigcirc$		
My presenting skills improved through speaking at the end of the day	$\bigcirc$		•			
The end of day talks should instead be in the morning	$\circ$	$\bigcirc$	•			
I wished the mentors gave more talks	$\bigcirc$	$\bigcirc$	•	$\circ$	$\circ$	
My group will continue collaborating in the future	0	$\circ$	$\circ$	0	•	
Please add additional comments on the in-person research week or expand on your answers above.						

### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

### How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	$\bigcirc$	$\bigcirc$		$\bigcirc$	
Increase the cohesivity of the ACT Community	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Increase your interest in ACT		$\bigcirc$		$\bigcirc$	•
Expose you to new applications of category theory	$\bigcirc$	$\bigcirc$		$\bigcirc$	
Increase your knowledge of category theory	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Bridge divides across areas of application	$\circ$	$\circ$	$\circ$	$\circ$	•

Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

### Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\circ$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	$\bigcirc$
Converse about research-level mathematics	$\bigcirc$	$\circ$	$\circ$	•	$\bigcirc$
Present to a room full of collegues	$\circ$	$\circ$	•	$\circ$	$\bigcirc$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$		•	$\bigcirc$
Have conversations about research- level mathematics				•	
Present math to a room full of collegues	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$

## Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory		$\bigcirc$	$\circ$	•	$\bigcirc$
I am confident doing applied research	$\bigcirc$	•		$\bigcirc$	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$	$\bigcirc$		•
I feel part of a research community	$\circ$	•	$\circ$	$\bigcirc$	$\circ$

# Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)	
I am confident doing research involving category theory	$\circ$	$\bigcirc$	$\bigcirc$	•		
I am confident doing applied research	$\bigcirc$	$\circ$	•	$\bigcirc$	$\bigcirc$	
I am interested in the field of applied category theory	$\circ$	$\circ$	$\bigcirc$		•	
I feel part of a research community	$\circ$	$\circ$	$\circ$	•	$\bigcirc$	
Please add additional comments on how the school affected your abilities or expand on answers given above.						

## **Teaching Assistants**

This section is to measure the helpfulness of the TAs

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	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)		
The TA helped me understand the background reading		$\bigcirc$		$\circ$	•		
The TA added to my ability to participate in research		$\circ$		$\circ$			
Please add additional comments on the strengths or weaknesses of your TA?							

### **Mentors**

This section is to measure the helpfulness of the mentors.

		•	•
Rate	tha	+~!	IDA
<b>R a i e</b>	111	1 ( ) [	 
Nate	uic	101	пи
			J

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)		
My mentor helped me understand the background reading		$\bigcirc$		$\bigcirc$			
My mentor came to the week well- prepared to lead research activities		$\bigcirc$		$\bigcirc$			
I improved my research skills through working with my mentor	$\bigcirc$	$\bigcirc$		$\circ$			
You had a clear idea about the research goals during the in person week				$\bigcirc$			
Please add additional comments about the strengths or weaknesses of your mentor?							

# Freestyling

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# ACT2019 Adjoint School Survey

Taking a few minutes to answer this will be incredibly helpful for organizing future iterations of the ACT School. All responses are anonymous.

### **Reading Course**

This section is to measure the helpfulness of the online reading course.

# Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
Conversation in the forum helped my learning	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
The git repo was easy to navigate	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Giving the presentations helped my learning		$\circ$		$\bigcirc$	•
Composing the blogs helped my mathematical writing	$\circ$	$\circ$	$\circ$	$\circ$	•

# Please add additional comments about the strengths or weaknesses of the online reading course?

I found a lot of the readings really difficult to engage in, and I think it made it hard for me to participate more actively in the forum. I was thinking that it might be interesting to have the blog post (or at least a draft of the blog post) before the presentation. And then we could read and respond to the blog post instead of the article. I am finding the blog posts much more digestible and enjoyable!

#### In-person research week

This section is to measure the effectiveness of the in-person research week

### Rate the following

	1 (strong disagree)	2	3	4	5 (strong agree)
There was enough time to perform research	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
The end of day talks helped me understand other groups' work		$\bigcirc$	$\bigcirc$	•	
My presenting skills improved through speaking at the end of the day		$\bigcirc$	•	$\bigcirc$	
The end of day talks should instead be in the morning		•	$\bigcirc$	$\bigcirc$	$\circ$
I wished the mentors gave more talks	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\circ$
My group will continue collaborating in the future	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$

Please add additional comments on the in-person research week or expand on your answers above.

Researching with my group was very exciting. I almost wish there were more day. I got my first taste of what math (and particularly ACT research) is like... and I love it! My group's leader was extremely thoughtful about our process and making sure everyone was included and had a voice.

### **Adjoint School**

These are questions meant to gauge the effectiveness of the school in certain key areas.

### How do you rate the Adjoint School's ability to do the following

	1 (poor)	2	3	4	5 (excellent)
Help you get to know established researchers	0	0		•	
Increase the cohesivity of the ACT Community	$\circ$	$\circ$	$\circ$	$\circ$	•
Increase your interest in ACT	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	•
Expose you to new applications of category theory	$\bigcirc$	$\circ$		•	
Increase your knowledge of category theory	$\circ$	$\bigcirc$	$\bigcirc$	•	$\circ$
Bridge divides across areas of application	$\bigcirc$	$\circ$	$\circ$	$\circ$	•

# Please add additional comments on the strengths and weaknesses of the school or expand on answers given above.

I have been feeling lost in my graduate program and the Adjoint School really reinvigorated me. It introduced me to a whole world of math crossed with science and philosophy that I want to pursue. I sort of knew it was out there, but I didn't know how much I would love it! The people really made it A+ for me. I found the everyone (from fellow grad students to famous professors) extremely warm and welcoming. I enjoyed the diverse representation of different subjects, and it made the conversations more interesting because everyone came at a question from a different perspective.

### **Participant Abilities**

This section is to measure the effect of the school on yourself.

## Rate your abilities in the following areas \*BEFORE\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
Write mathematics, formally or informally		$\bigcirc$	•	$\bigcirc$	
Converse about research-level mathematics	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\bigcirc$
Present to a room full of collegues	$\circ$	$\circ$	•	$\circ$	$\bigcirc$

## Rate your abilities in the following areas \*AFTER\* the school

	1 (weak)	2	3	4	5 (strong)
Collaborate in research	$\bigcirc$	$\bigcirc$	$\bigcirc$	•	$\bigcirc$
Write mathematics, formally or informally	$\bigcirc$				$\bigcirc$
Have conversations about research-level mathematics	$\bigcirc$			•	
Present math to a room full of collegues	$\circ$	$\circ$	•	$\bigcirc$	$\bigcirc$

# Judge these from \*BEFORE\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory		•			$\bigcirc$
I am confident doing applied research	$\bigcirc$	•	$\bigcirc$	$\bigcirc$	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$		•	
I feel part of a research community	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$

## Judge these from \*AFTER\* you attended the ACT School

	1 (strong disagree)	2	3	4	5 (strong agree)
I am confident doing research involving category theory	$\circ$	$\circ$	$\circ$	•	$\circ$
I am confident doing applied research	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$
I am interested in the field of applied category theory		$\bigcirc$	$\circ$	$\bigcirc$	•
I feel part of a research community	$\circ$	$\circ$	$\circ$	$\circ$	•

Teaching Ass	sistants				
This section is to m	neasure the helpf	ulness of the	TAs		
Rate the follo	wing				
	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)
The TA helped me understand the background reading		$\bigcirc$		•	$\bigcirc$
The TA added to my ability to participate in research		$\circ$		•	0
	dditional aa	mmonte (	on the strengt	hs or we	aknesses

#### **Mentors**

This section is to measure the helpfulness of the mentors.

### Rate the following

	1 (strong disagree)	2	3 (neutral)	4	5 (strong agree)
My mentor helped me understand the background reading		$\bigcirc$		•	
My mentor came to the week well- prepared to lead research activities		$\bigcirc$		$\bigcirc$	•
I improved my research skills through working with my mentor		$\bigcirc$		$\circ$	•
You had a clear idea about the research goals during the in person week		$\bigcirc$		$\circ$	•

# Please add additional comments about the strengths or weaknesses of your mentor?

My mentor really fostered a "we're all in this together" spirit. He was extremely thoughtful about our group's process. He made us feel included, excited, and confident in our research.

### **Freestyling**

Please add any further comments you have about the ACT2019 School.

Thanks so much for making all of this come together so smoothly!!

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