

Julie Schell and Brian Lukoff

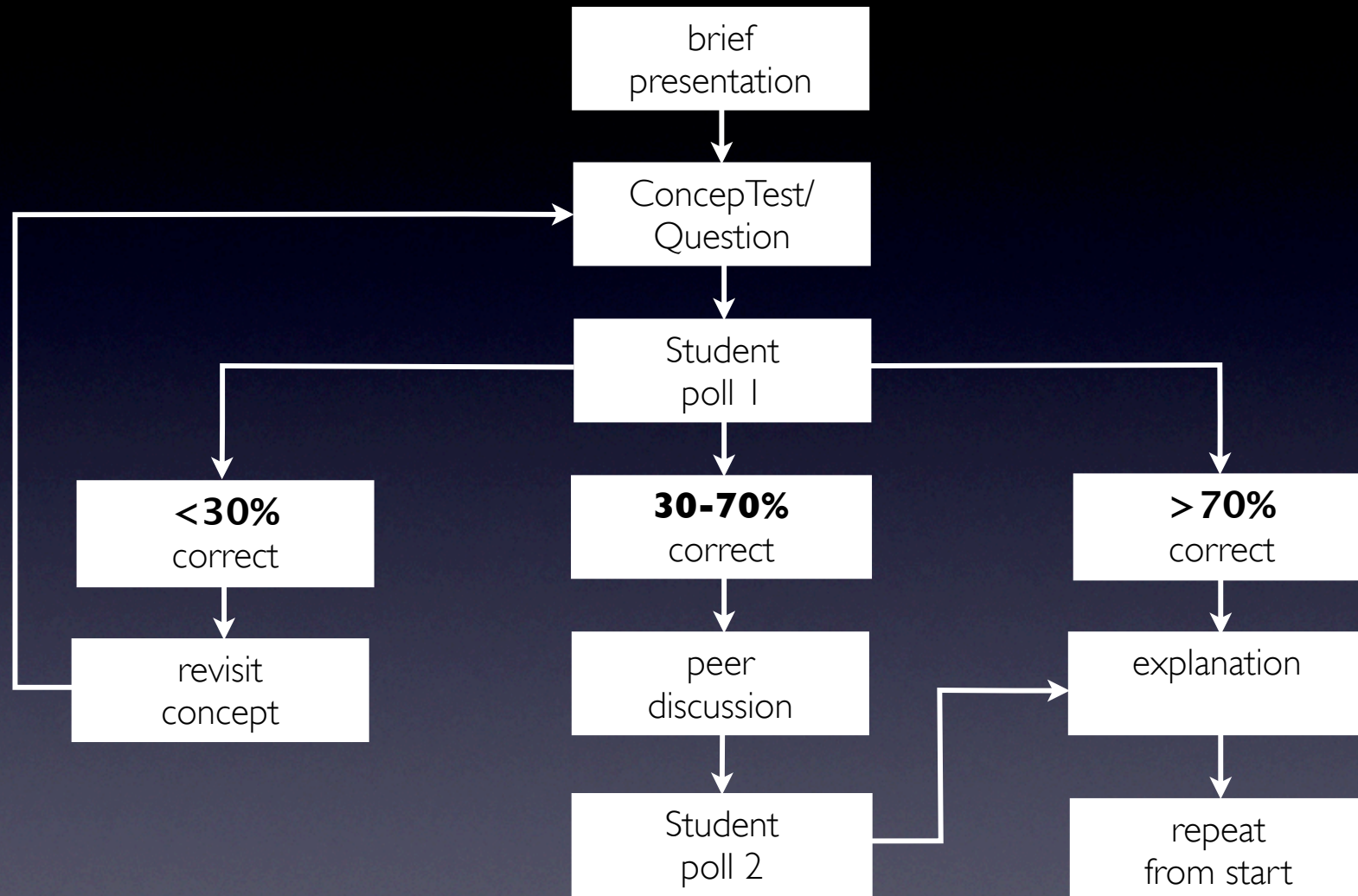
Peer Instruction and Learning Catalytics

Classroom Response Systems at Harvard FAS: Status and Trends

with Daniel Jomou and Tolu Odumosu (slides not included)

Harvard University IT Summit
May 31, 2012

Learning Catalytics



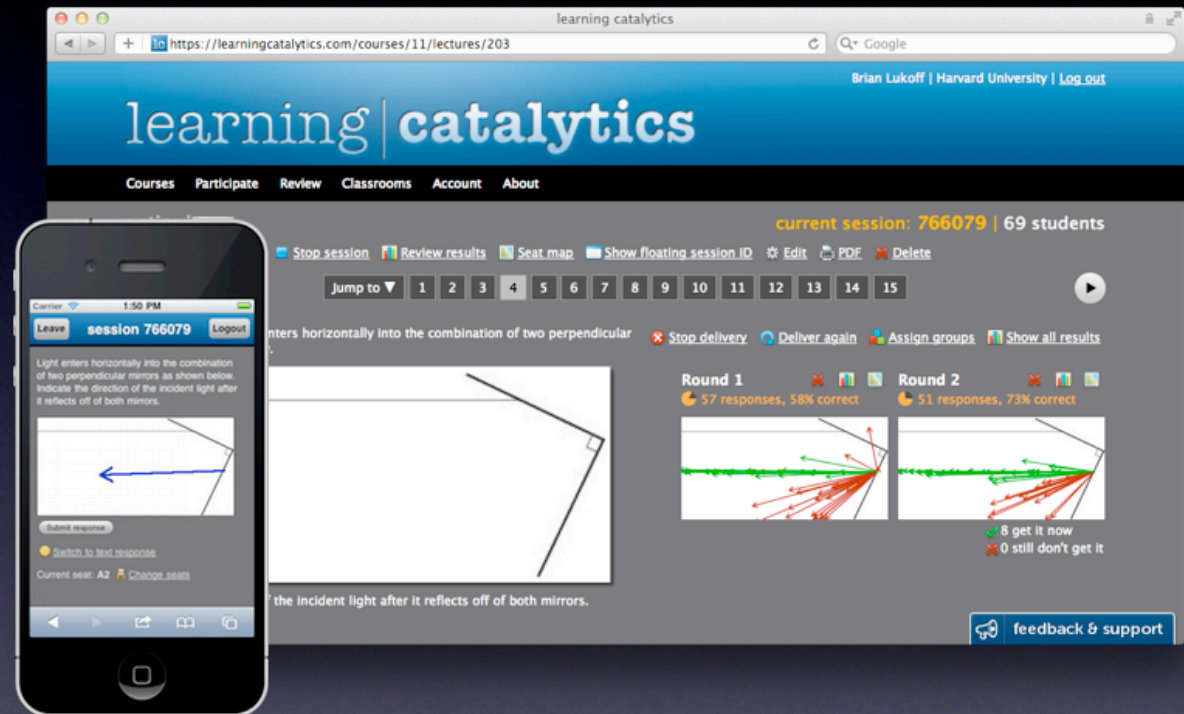
Peer Instruction

Learning Catalytics

**Cloud-based
technology - students
“BYOD”**

**Piloted for the first
time in Spring 2011**

**Now used both in K-12
and higher education**
(including the Singapore
University of Technology and
Design)



Learning Catalytics

Not restricted to multiple-choice questions

Learning Catalytics

2. word cloud Now describe in a couple of words how you became good at whatever it is you entered in the previous question.

 [Deliver](#)  [Show all results](#)

Round 1

123 responses

experiences

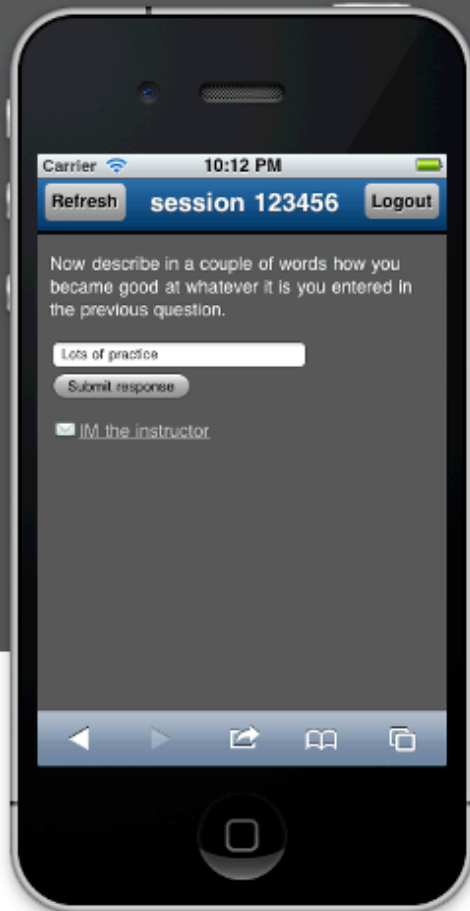
learning observing
reading people being
experience time

practice

work others school
working good through family


watching many
listening

✓ 61 get it now
✗ 4 still don't get it



Learning Catalytics

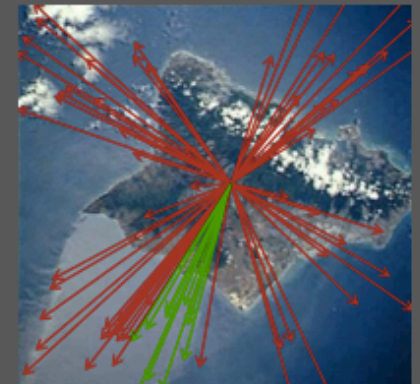
4. direction This image shows Oahu as seen from the Space Shuttle. The image provides several clues about the direction of prevailing winds in Oahu. Indicate this direction by drawing an arrow on your screen.

 [Deliver](#)  [Show all results](#)

Round 1



77 responses, 16% correct



✓ 17 get it now

✗ 3 still don't get it



Learning Catalytics

**Use real-time analytics
to improve discussion productivity**

Learning Catalytics

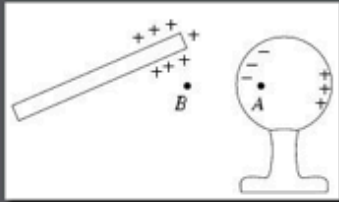
learning catalytics

https://learningcatalytics.com/courses/11/lectures/189

Brian Lukoff | Harvard University | Log out

learning catalytics

2. multiple choice A positively charged rod is held near a neutral conducting sphere as illustrated below. A positively charged particle is moved from point A to point B at constant speed. The potential difference from A to B is



A. positive
B. zero
C. negative
D. depends on the path taken from A to B
E. cannot be determined without knowing more about the polarization induced in the sphere

Round 1
74 responses, 61% correct

Response	Percentage
A. 61%	61%
B. 4%	4%
C. 35%	35%
D. 0%	0%
E. 0%	0%

Round 2
75 responses, 83% correct

Response	Percentage
A. 83%	83%
B. 0%	0%
C. 17%	17%
D. 0%	0%
E. 0%	0%

Please discuss your response with:

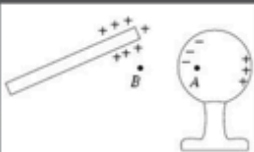
- Brian Lukoff (to your left)

I am talking to this person/people

Carrier 11:17 AM

Leave session 399757 Logout

A positively charged rod is held near a neutral conducting sphere as illustrated below. A positively charged particle is moved from point A to point B at constant speed. The potential difference from A to B is



Learning Catalytics

If you have a laptop, smartphone, iPad, etc:

Go to LCatalytics.com

Click “Create student account”

Click “I have a signup code”

Enter your name, email address, and create a password; use the signup code DEMO