

Tipping the Scale: A Synthesis of Online Learning Strategies

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How I Spent My Winter Vacation

“L@S seeks contributions that address innovations in **scaling and enhancing learning**, **empirical investigations** of learning at scale, **new technical systems** for learning at scale, and **novel syntheses** of relevant research.”

“The ultimate aim of the L@S community is the enhancement of human learning.”

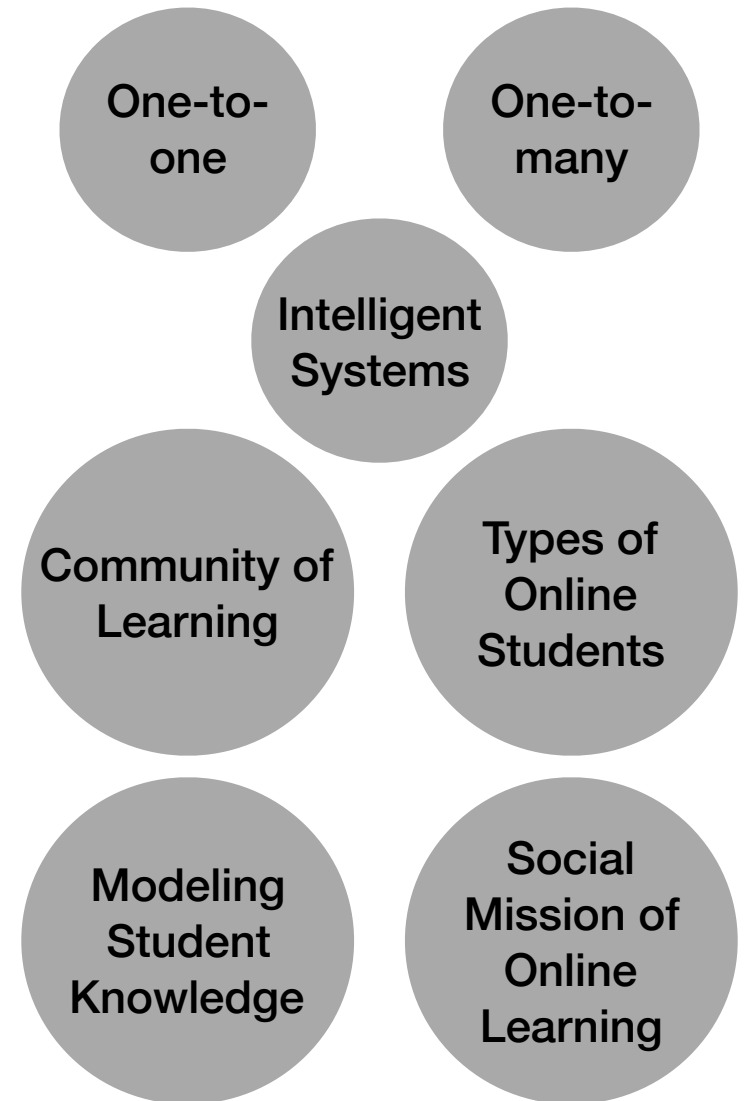
New!

Full Context/Synthesis Papers

Suitable papers include survey papers that provide **useful perspectives on major research areas**, papers that support or challenge long-held beliefs with compelling evidence, or papers that provide an extensive and realistic evaluation of competing approaches to solving specific problems.

The Plan:

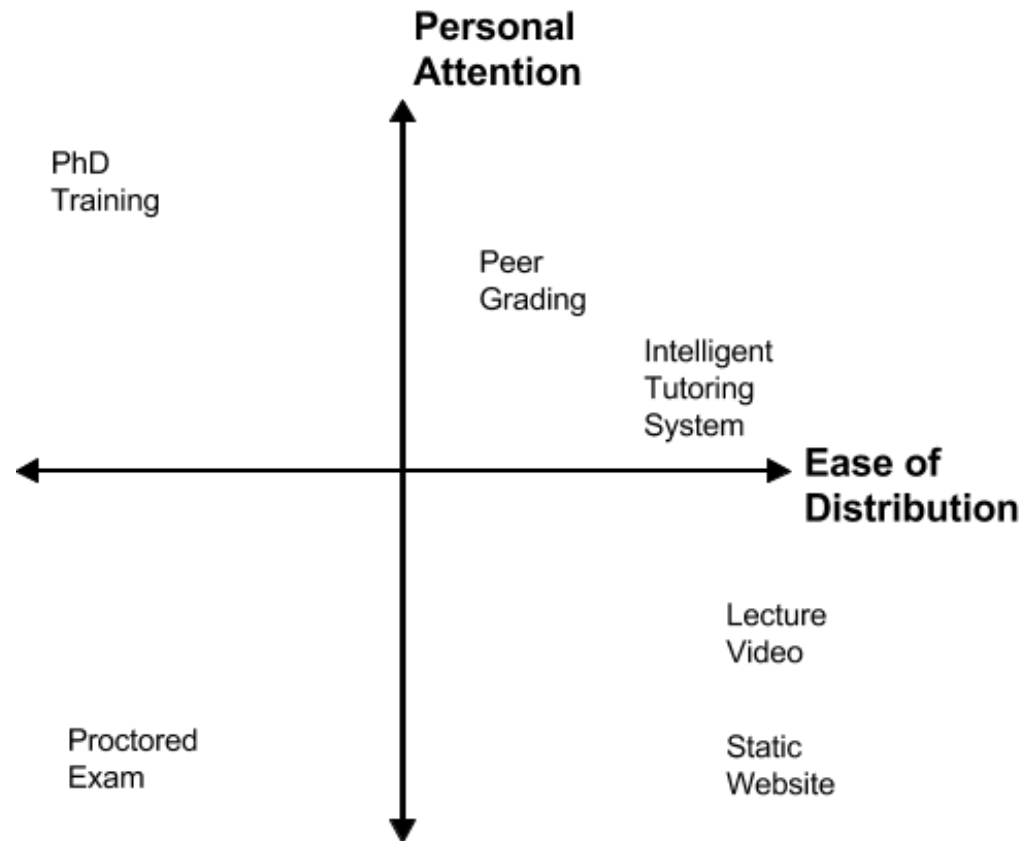
1. Why synthesize L@S?
2. What does L@S mean?
3. How to create an enriching (humane) online learning environment?
4. Who is the online student?
5. Conclusion



Why synthesize L@S?

- Most people's first contact with higher education will be online.
- The L@S community is uniquely positioned to address this challenge because of the multidisciplinary research it attracts.

What is L@S?



Quadrant I Strategies

- One-to-one (peer grading)
- One-to-many (expert feedback based on clustering)
- Intelligent systems (tutors, AI)

How to create an enriching online learning environment?

- There are characterizable types of student behavior. How can we create online courses that offer something for every type of student?
- How can we better connect online course participants to create “real” relationships, like one might find in an in-person class?
- Can online learning environments co-exists/exist within other online communities?

Who is the online student?

- What are the best ways to model student knowledge before, during, and at the end of a course?
- How can we design online courses to take advantage of students' electron-like behavior?
- When is the best time to intervene when a student is struggling, failing, or confused?
- How can we make online learning more open, accessible, universal?

Let's Talkabout it!
Thank you!

(Design Lab joke haha)

I'm so happy Julia Cambre came to visit!