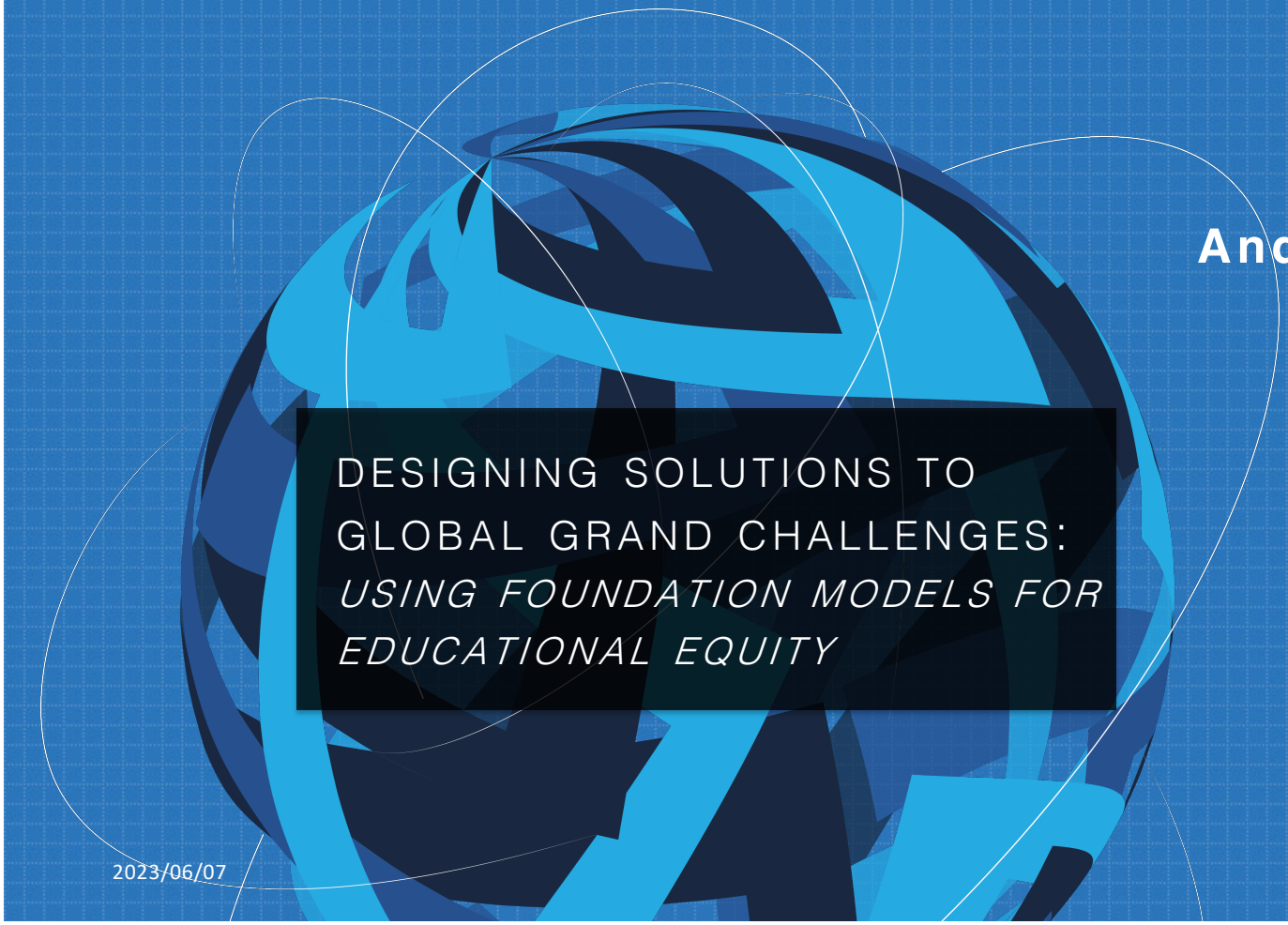

DESIGNING SOLUTIONS TO GLOBAL GRAND CHALLENGES: *USING FOUNDATION MODELS FOR EDUCATIONAL EQUITY*

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Jianna So
Course Assistant

CS377E
Project Fair
Spring 2023
June 7, 2023

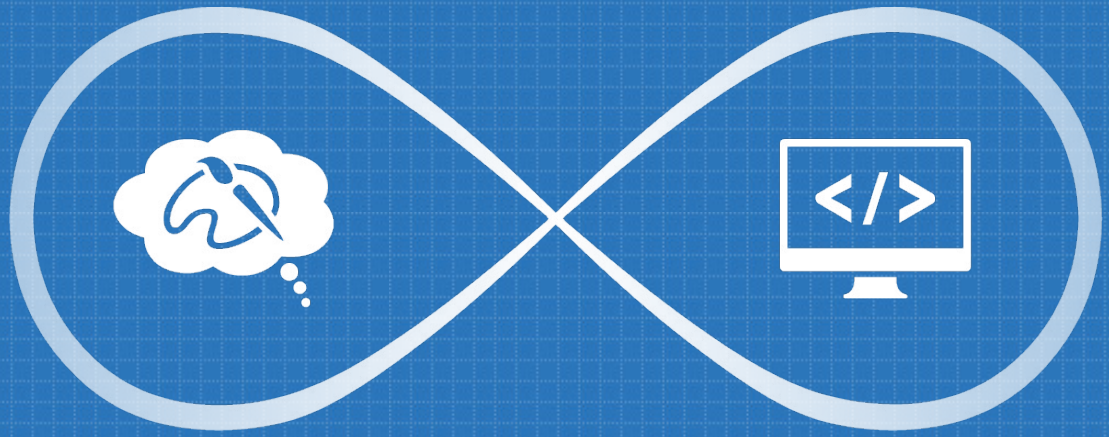
Stanford University

O U T L I N E

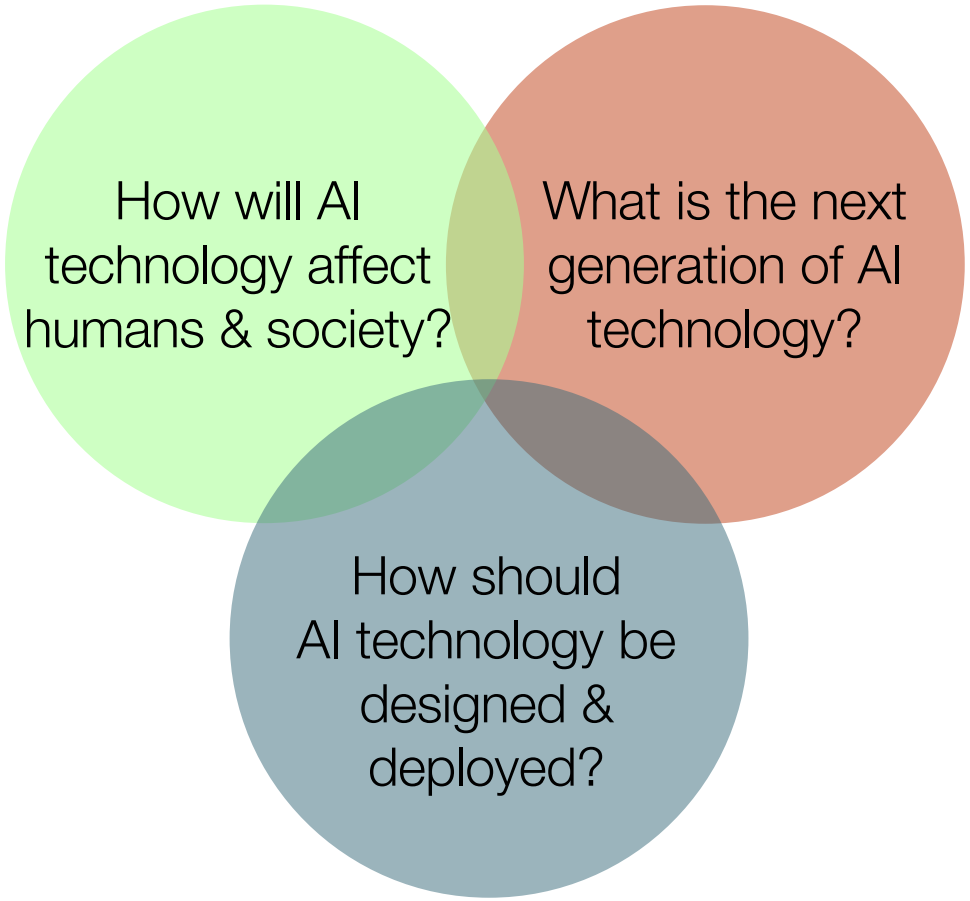
- Course overview
- Team presentations – 7 x (7 min. + 2 min questions)
- Posters/demos & more questions for any team
- Award presentations

B A L A N C E

DESIGN TECHNOLOGY



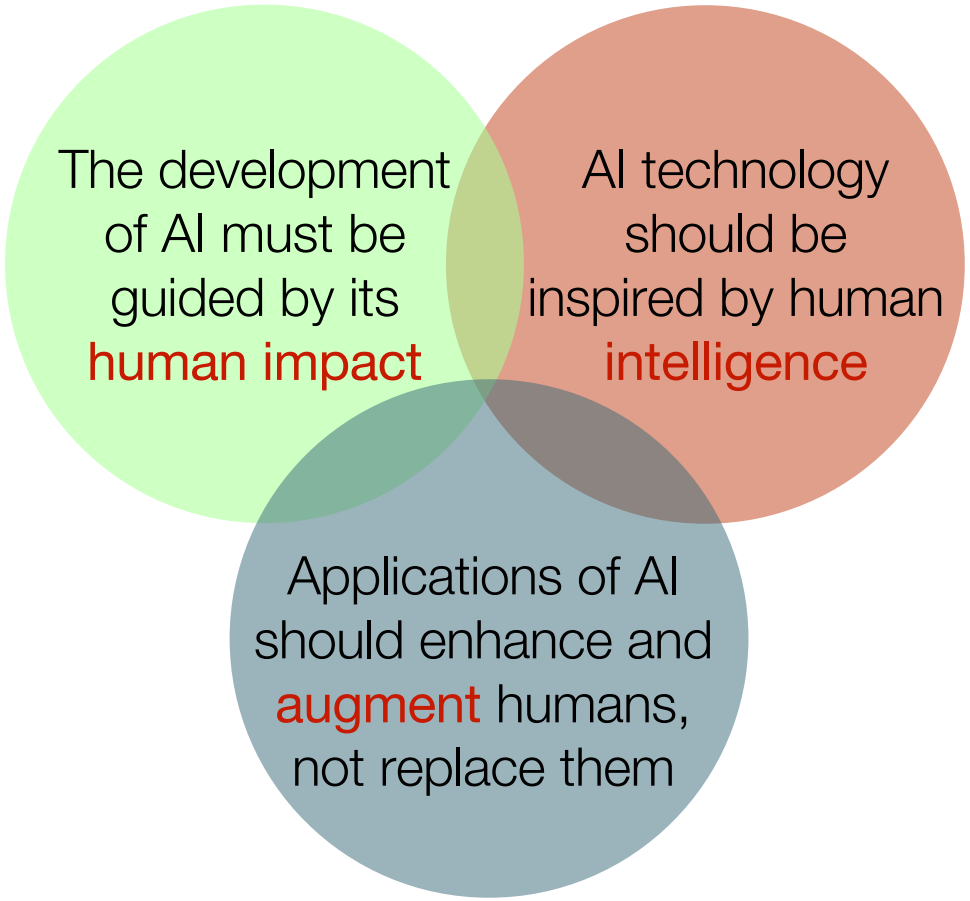
Pressing questions about AI



Stanford

Human-Centered
Artificial Intelligence

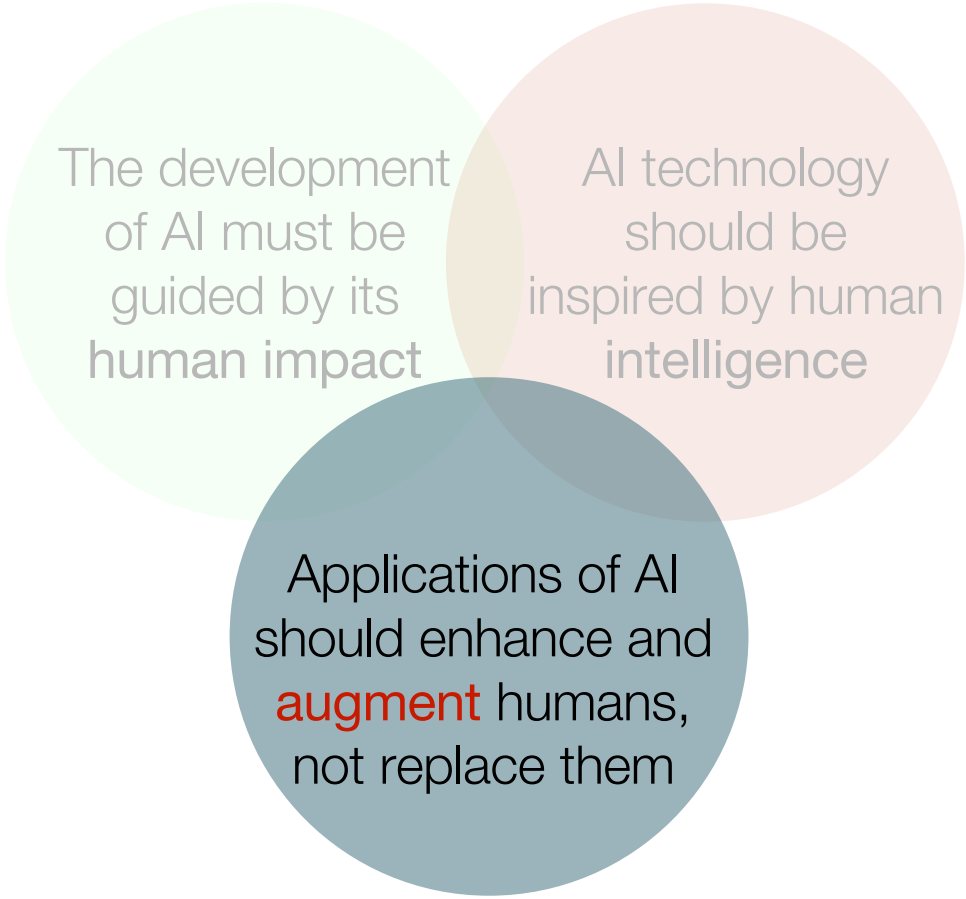
HAI



Stanford

Human-Centered
Artificial Intelligence

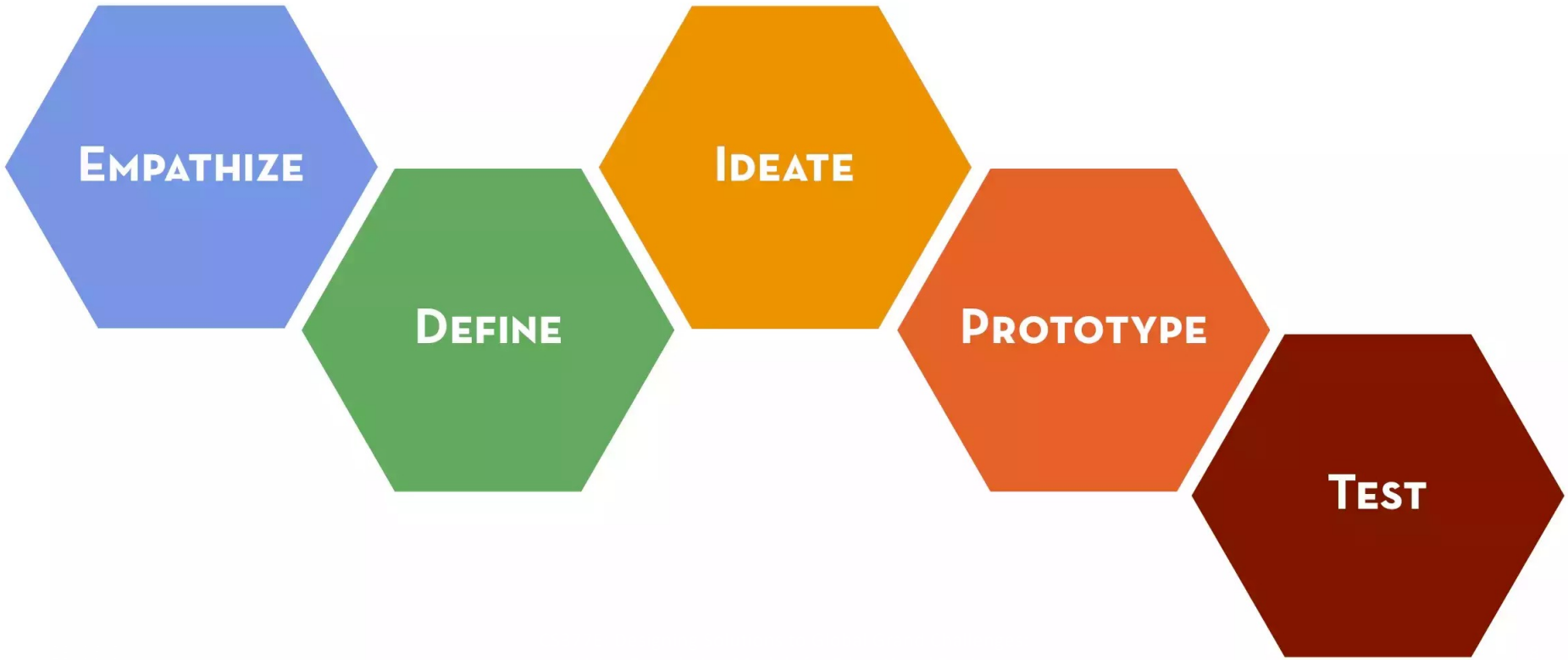
HAI



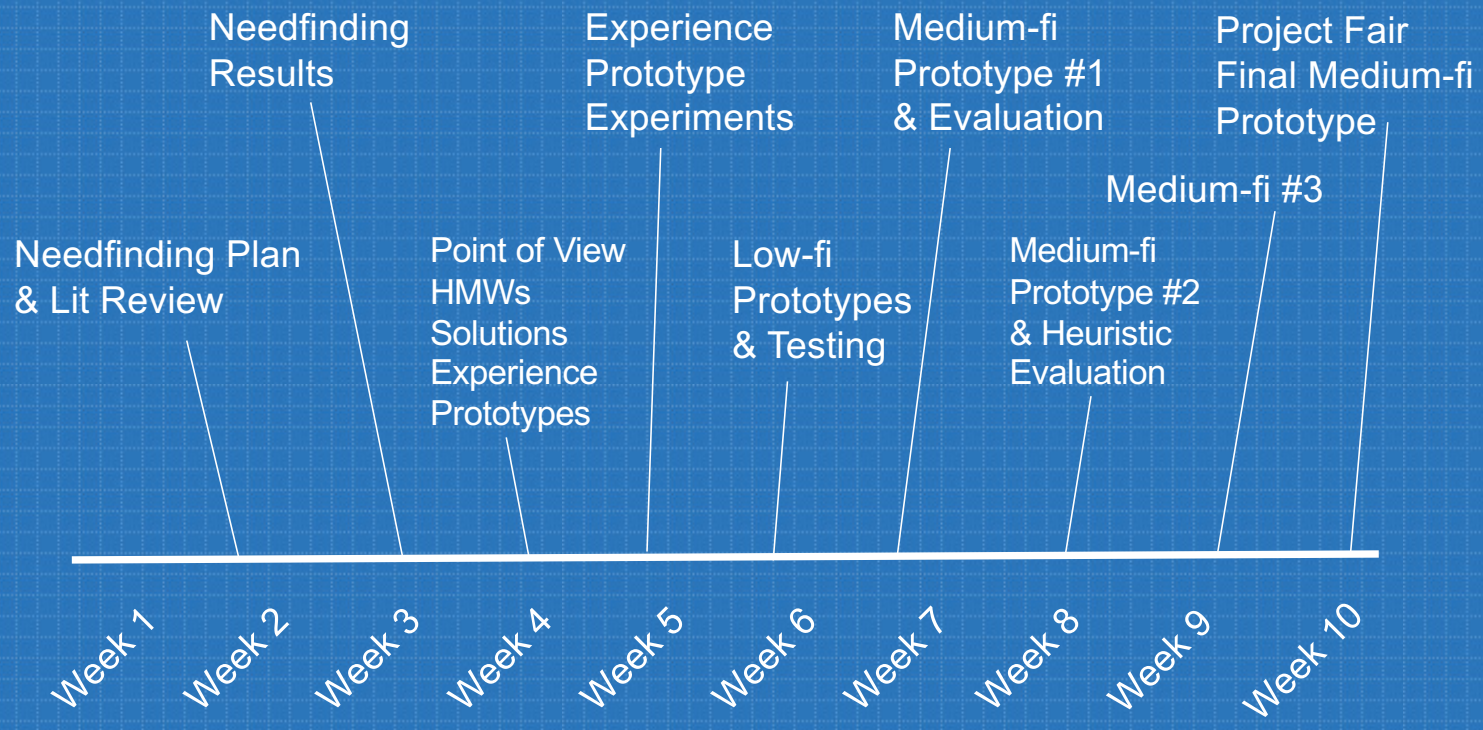
C O U R S E F O R M A T

- Project brief:
  human-centered AI applications using foundation models for educational equity
- Quarter long, team project
- Project presentations
- Critiques of project work
- Small number of lectures
- All material is online
  - slides, assignments, readings, schedule
  - http://hci.stanford.edu/cs377e

DESIGN THINKING



D E S I G N D O I N G T I M E L I N E



THE JUDGES

- Siamak Ashrafi, YlabZ
- Garret Chan
- Terrell Ibanez, Stanford
- Edmond Macaluso, NGUAGE Ventures
- Pablo Paredes, U. Maryland
- Sag Savl, Google
- Allison Stanger, Middlebury College

A G E N D A

- 7 Minute Talks + 2 Minutes Q&A
  1. TechWise
  2. Melody Meadow
  3. BuddyBuilder
  4. Tuition Tally
  5. nuturEd
  6. ChatLibs
  7. PupUp

- More Q&A
- Awards

T H E J U D G E S

- Siamak Ashrafi, YlabZ
- Garret Chan
- Terrell Ibanez, Stanford
- Edmond Macaluso, NGUAGE Ventures
- Pablo Paredes, U. Maryland
- Sag Savl, Google
- Allison Stanger, Middlebury College

A W A R D S

- Most Promise for Educational Equity
  PupUp
  TuitionTally
- Best Use of Foundation Models
  BuddyBuilder
- Best Overall Design
  ChatLib