

WORKSHOP AGENDA

CAADRIA 2024 - Day 03

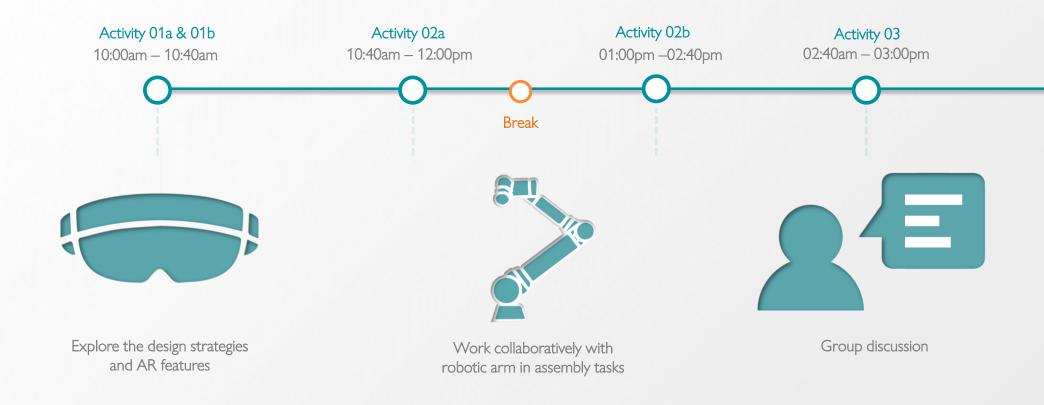
[Workshop Objective]

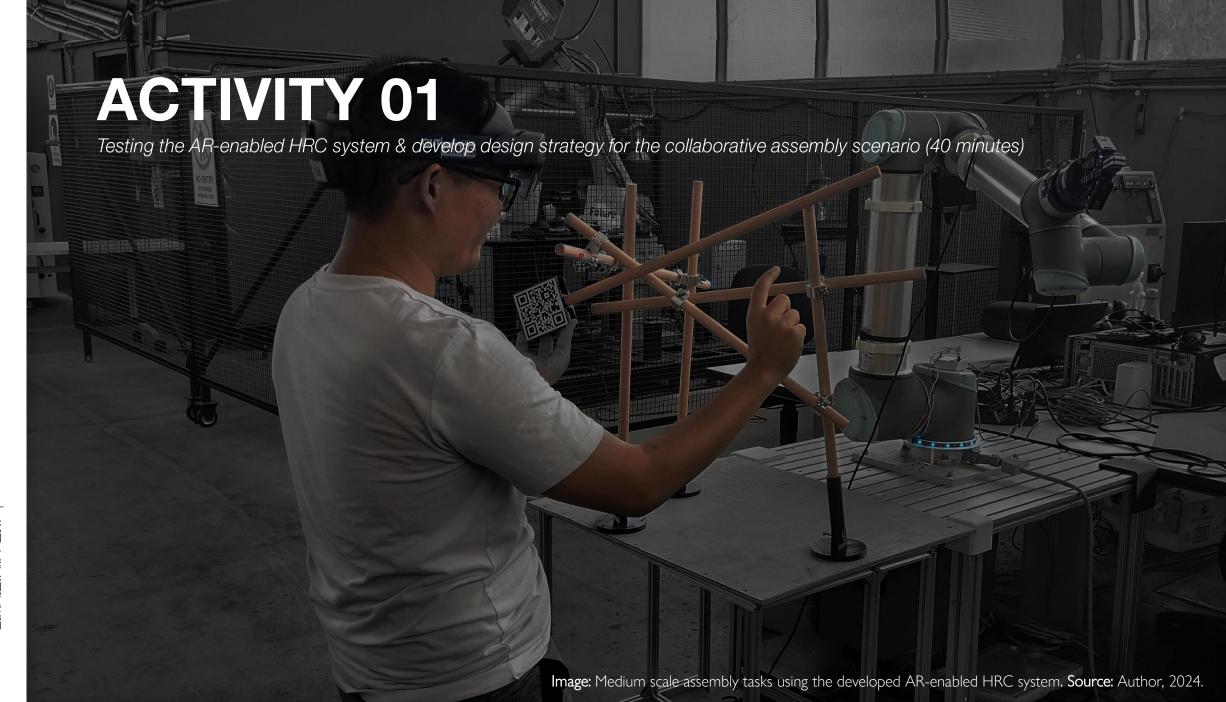
Explore how AR-enabled HRC could support architectural designers in collaborative assembly tasks.



WORKSHOP SCHEDULE

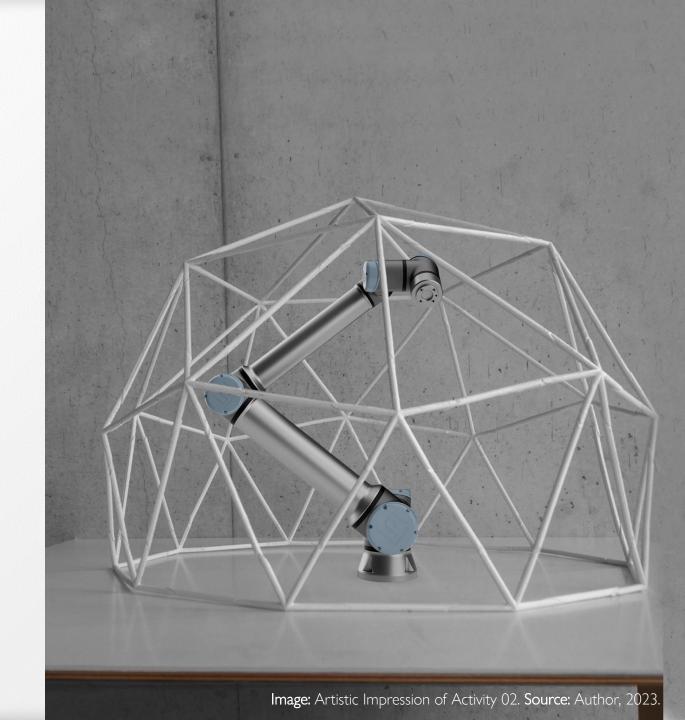
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Design brief

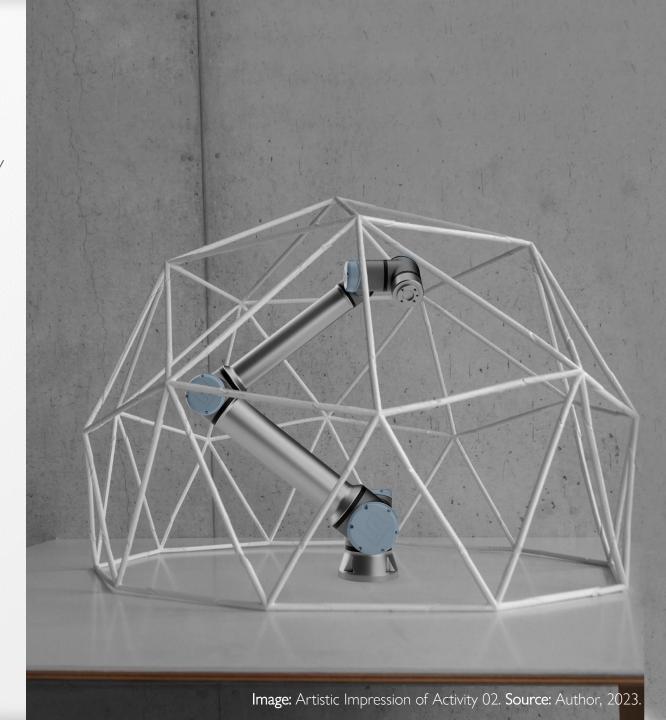
"Build a lightweight structure enclosure with the cooperative robotic arm using the developed AR-enabled HRC system."



Design brief, explore AR interface, develop design strategy

"Build a lightweight structure enclosure with the cooperative robotic arm using the developed AR-enabled HRC system."

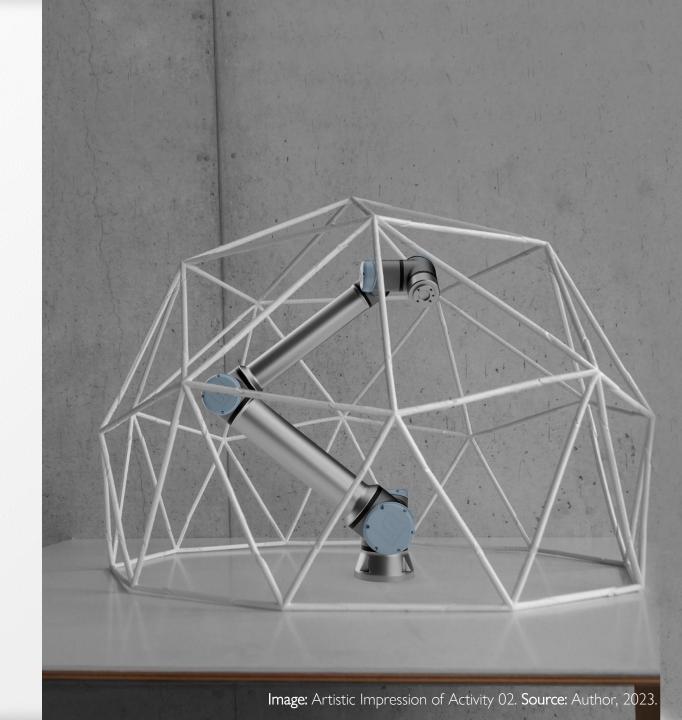
- Feel free to delve into the intricacies of the AR interface.
- Develop a design strategy for effectively collaborating with robotic arm to construct the enclosure.



Construct the lightweight structure (2 hours)

While assembly using the proposed system, feel free to reflect on the following questions.

- What was your overall experience with the AR-enabled HRC system during this workshop?
- What features of the system did you find most appealing?
- Were there any aspects of the system that you found less satisfactory?
- In what ways do you think the proposed interface could be enhanced?



BREAK & WILL BE BACK

60 minutes (make sure you have stay hydrated)



Group Discussion (20minutes)

This group discussion involves a mapping exercise. Please consider the following question.

- What features of the system did you find most appealing?
- Were there any aspects of the system that you found less satisfactory?
- In what ways do you think the proposed interface could be enhanced?
- What other fabrication-centric tasks do you think could benefit from the use of AR-enabled HRC system?

What features of the system did you find What's your overall user experience? most appealing? In what ways do you think the proposed Were there any aspects of the system interface could be enhanced? that you found less satisfactory?

THANK YOU

Any question? Thank you so much for participating and feel free to reach out if there is an opportunity for collaboration