Welcome to HCI

SWE 595: Human-Computer Interaction

Dr. Omar Hammad

Let's get to know you

Name, Major, Background, Motivation

One thing you know about humans?
Moody
Emotional
Different
Creative
Lazy
Surprises
Helpful
Intelligent
Have diff expectations
Need for appreciation
Need relationships
Friendly
Different way of thinking
Valuable
Complicated
Adaptable
Love to learn

What is HCI?

"Human-computer interaction (HCI) is a multidisciplinary field of study focusing on the **design** of computer technology and, in particular, the interaction between humans (the users) and computers."

Interaction Design Foundation (IDF)

What is Design?

Achiving **goals** within **constraints**

Alan Dix

IDEO

Goals
sele
ct

Constraints

How impactful can design be

🔗 Open the course repository

github.com/hammadojh/hci_course

The Project!

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Conference

CHI

CHI: Conference on Human Factors in Computing Systems

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CHI '24: Proceedings of the CHI Conference on Human Factors in Computing Systems

2024 Proceeding

Editors: Florian Floyd Mueller,   + 6

Publisher: Association for Computing Machinery,
New York, NY, United States

Conference: CHI '24: CHI Conference on Human
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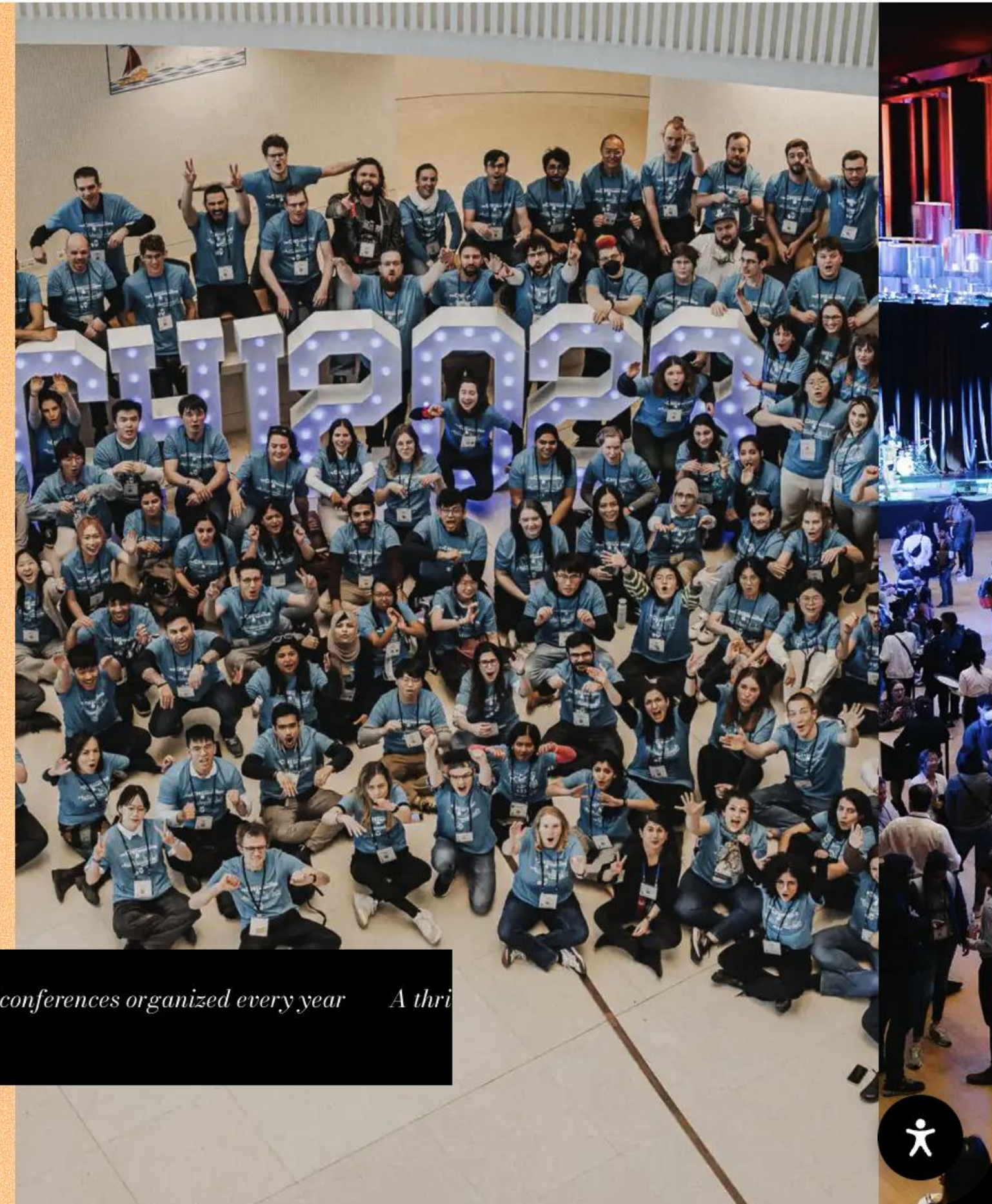About   People   Conferences   Resources   News

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Let's agree on ..

Read before class

To make the class interesting

Be prepared

Don't keep things till the last minute

"I don't know"

I will try to direct you as much as possible

Safe space

There is no silly question