

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 HCl?

“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



**Goals
select
ct**

Constraints

IDEO

How impactful can design be

 Open the course repository

github.com/hammadojh/hci_course

The Project!

Conference

CHI

CHI: Conference on Human Factors in Computing Systems

Search within CHI

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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 Factors in Computing Systems •

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Interesting Topics

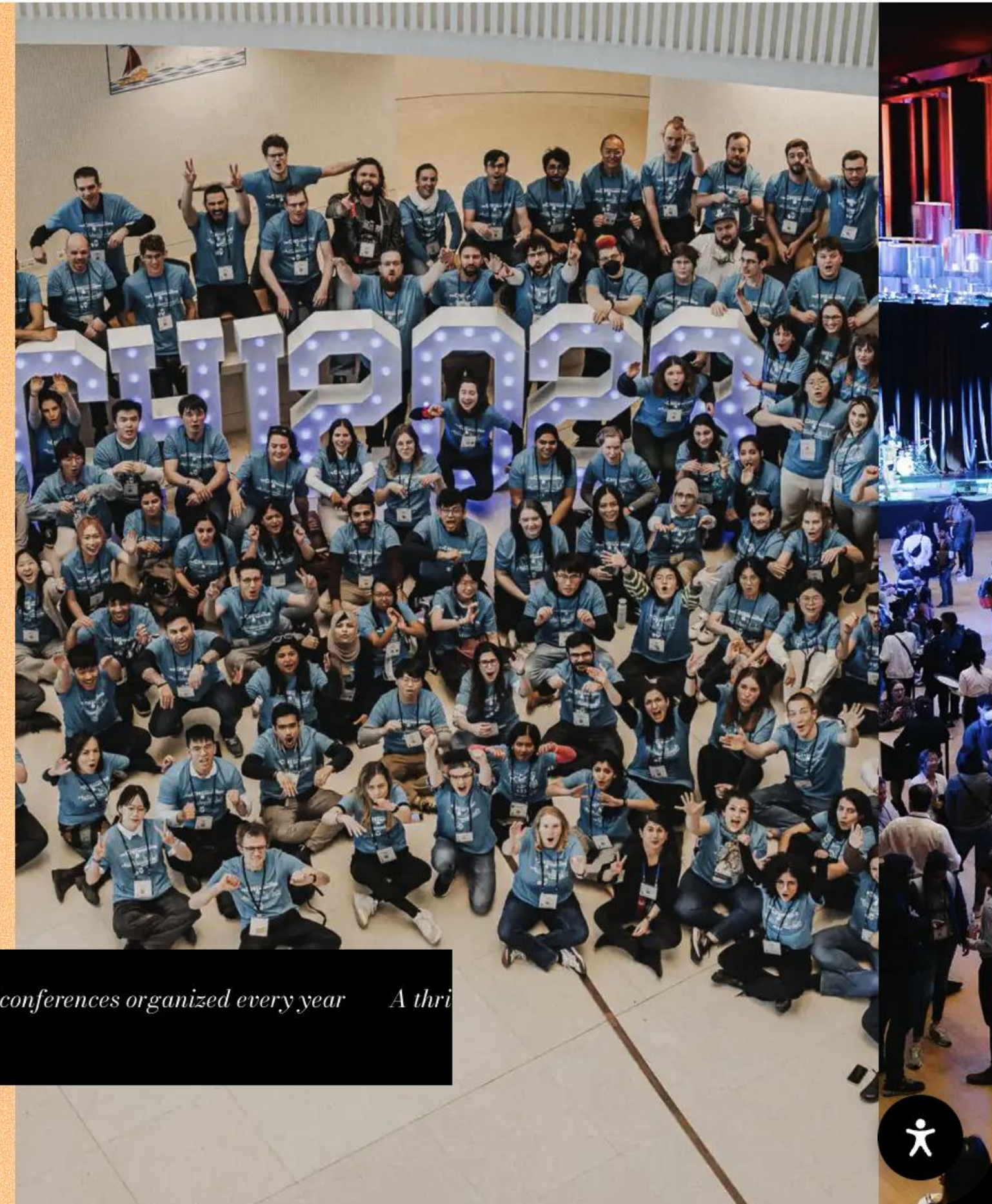
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Special Interest Group *on* Computer–Human Interaction

ACM SIGCHI is the leading international community of students and professionals interested in research, education, and practical applications of Human Computer Interaction.

[Learn more →](#)

*family of conferences organized every year A thri
ce 1983*



Let's agree on ..

Read before class

To make the class interesting

“I don't know”

I will try to direct you as much as possible

Be prepared

Don't keep things till the last minute

Safe space

There is no silly question