

CS 325: Introduction to HCI

Brief history of HCI Past, Present, Future

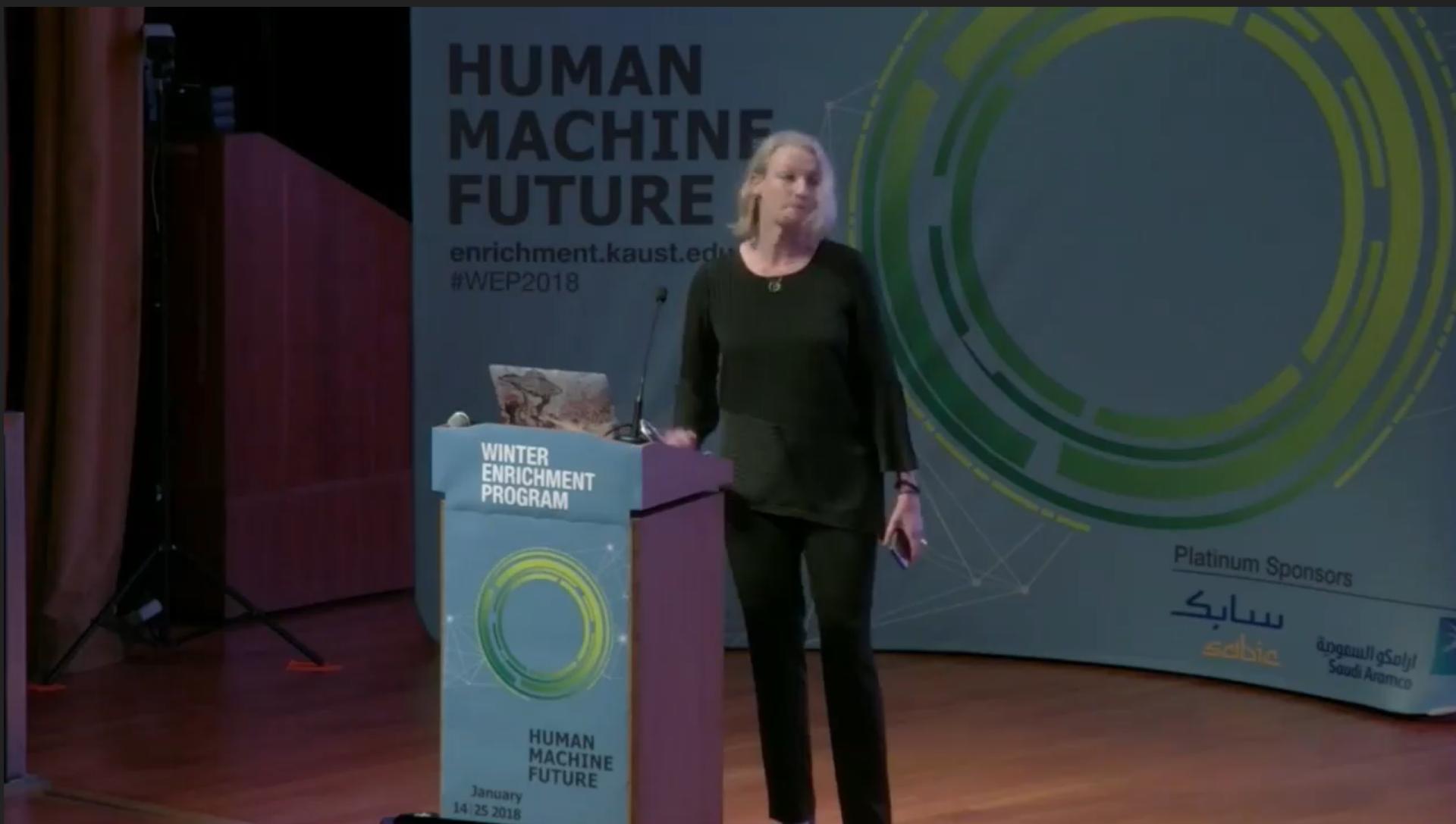
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Courses, projects, papers, and more:
<http://groups.cs.umass.edu/nmahyar/>

Introduction

What is HCI?

Elizabeth Churchill
Director, User Experience, Google



<https://www.youtube.com/watch?v=JMzYmEl2cWM>

Past

Where do we come from?

Elizabeth Churchill
Director, User Experience, Google

The Past



<https://www.youtube.com/watch?v=JMzYmEl2cWM>

Mother of all Demos

1968

Douglas Engelbart

Augmentation Research Center Lab in SRI International

<https://www.youtube.com/watch?v=B6rKUf9DWRI>

Early Touch Screens

1982

BBC TV show *Tomorrow's World*



<https://www.youtube.com/watch?v=JAcZpQCLb4E>

Early Tablet: Penpad

1985

PenPad Demo

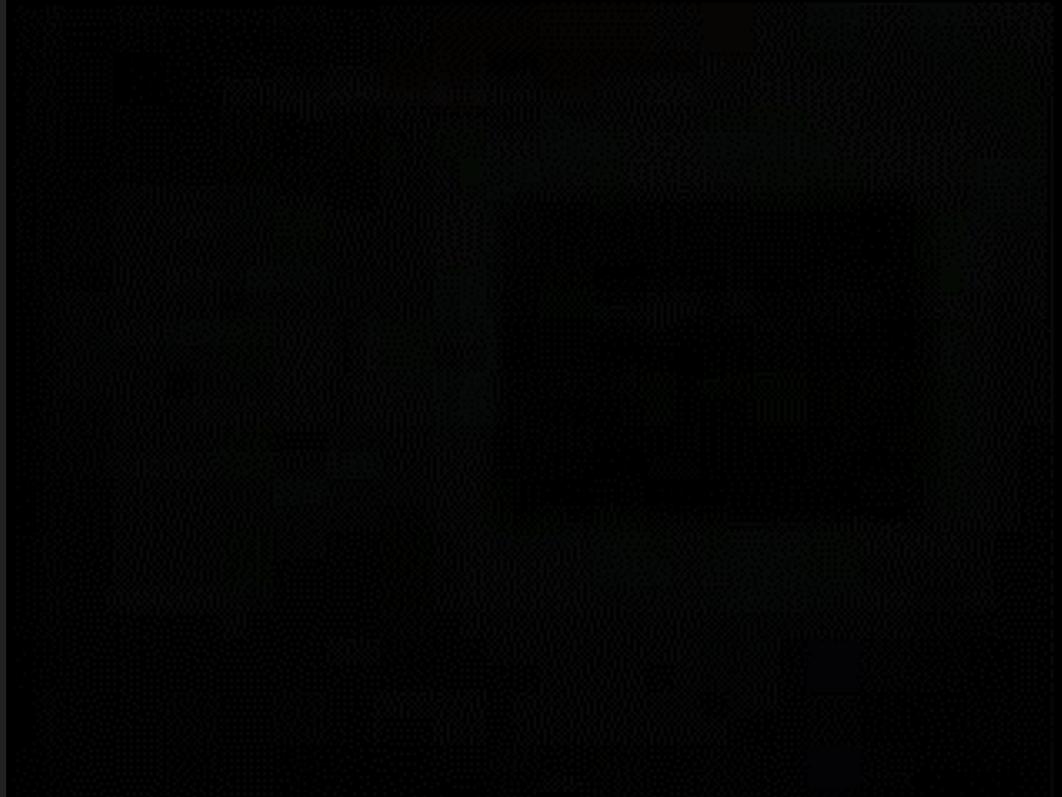


<https://www.youtube.com/watch?v=XR-Et7d5hgs>

Apple Newton

1993

The computer chronicles Tv Show



<https://www.youtube.com/watch?v=mZ4MMZcF3UE>

History of desktops and icons

Elizabeth Churchill
Director, User Experience, Google



<https://www.youtube.com/watch?v=JMzYmEl2cWM>

iPhone

2007

First commercialize touch user interface

Look at the icons

Steve Jobs
CEO, Apple

®



<https://www.youtube.com/watch?v=vN4U5FqrOdQ>

Steve Jobs

CEO, Apple



<https://www.youtube.com/watch?v=vN4U5FqrOdQ>

Steve Jobs
CEO, Apple



<https://www.youtube.com/watch?v=vN4U5FqrOdQ>

Microsoft envision of 2019 back in 2009

How many of the to be shown technologies do we have now?

Look for novel human computer interactions

Microsoft envision of 2019 back in 2009

<https://www.youtube.com/watch?v=t5X2PxtvMsU>

SixthSense

2009

Thinking out of the box

Pranav Mistry
MIT grad student

<https://www.youtube.com/watch?v=YrtANPtnhyg>

Present

Design for current devices we have

Top 5 UI/UX design in 2019

Top 10 UX & UI Trends for 2019

<https://www.youtube.com/watch?v=J8AZYtbS8s0>

Future of Design

The Present into the Future



<https://www.youtube.com/watch?v=JMzYmEl2cWM>

Future of Interfaces



https://www.youtube.com/watch?v=J_oPtEjiVuA

Future of interaction with AI

How we can make AI accessible to everyone?

I AM AI

Nvidia

<https://www.youtube.com/watch?v=GWL1HNHDSq4>