

Designing Interactive Systems I

A04 and Week 5 Discussion; Introduction to Week 6 and A05

Oliver Nowak & Krishna Subramanian
Media Computing Group
RWTH Aachen University

Winter term 2019/2020

<http://hci.ac/dis>

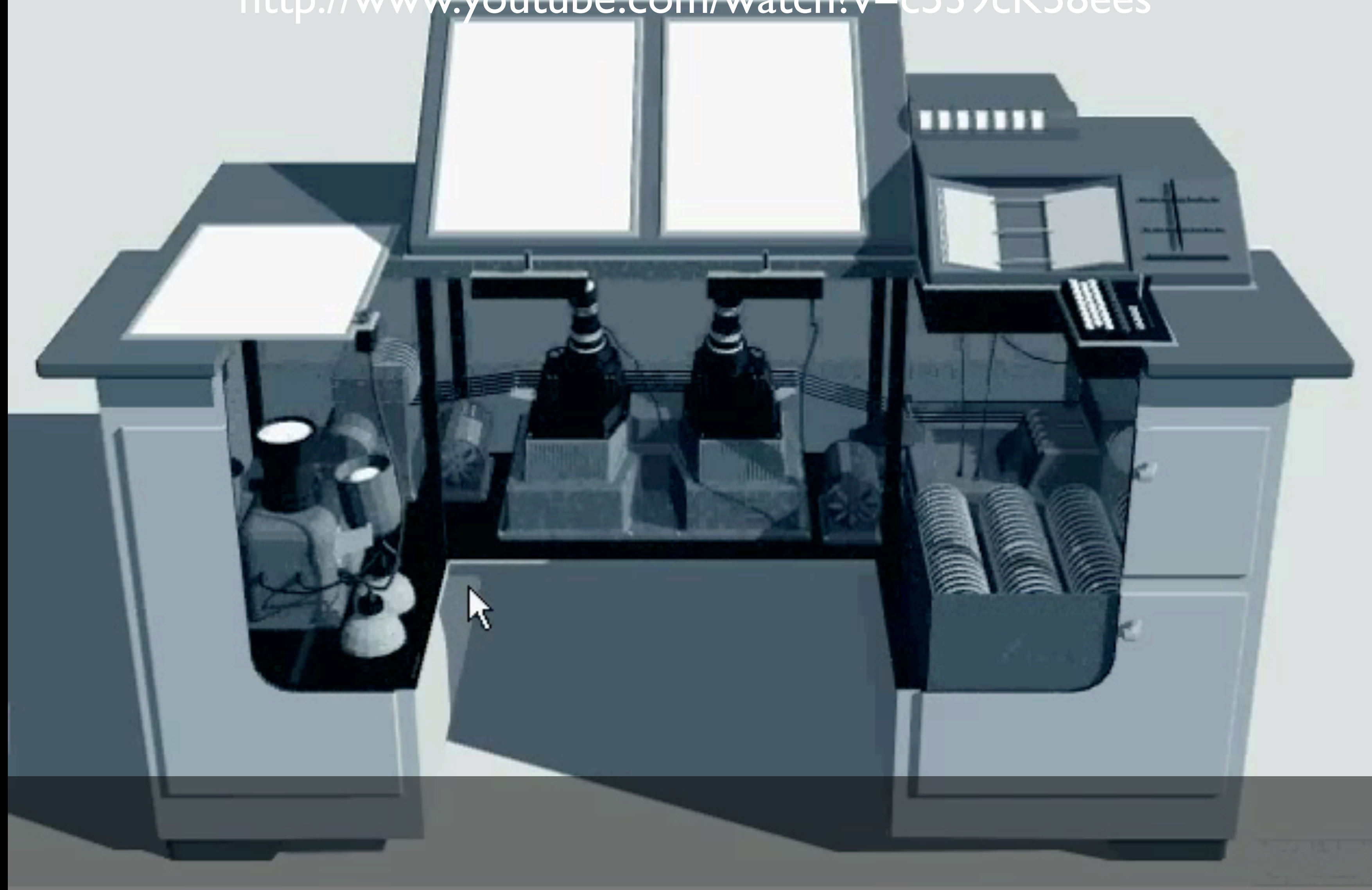


RWTHAACHEN
UNIVERSITY

In-Class Exercise: Memex, Sketchpad, and NLS

- What are some features of Memex, Sketchpad, and NLS that we **currently** use? How have these features **evolved**?
- What are the features from these systems that do **not** currently exist? Why do you think they do not exist?

Memex Animation from SIGIR '95
<http://www.youtube.com/watch?v=c539cK58ees>



Part 3: Historical Perspective: "Computer Sketchpad"

(not shown
at CHI'83)

(Excerpt)

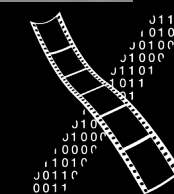
- * a classic and beautiful system
- * first CAD system
- * introduced the concept of a workspace
- * introduced the concept of a workspace

Part 1: https://www.youtube.com/watch?v=USyoT_Ha_I

Part 2: <https://www.youtube.com/watch?v=BKM3CmRq>



Mother of All Demos: <https://www.youtube.com/watch?v=yJDv-z>



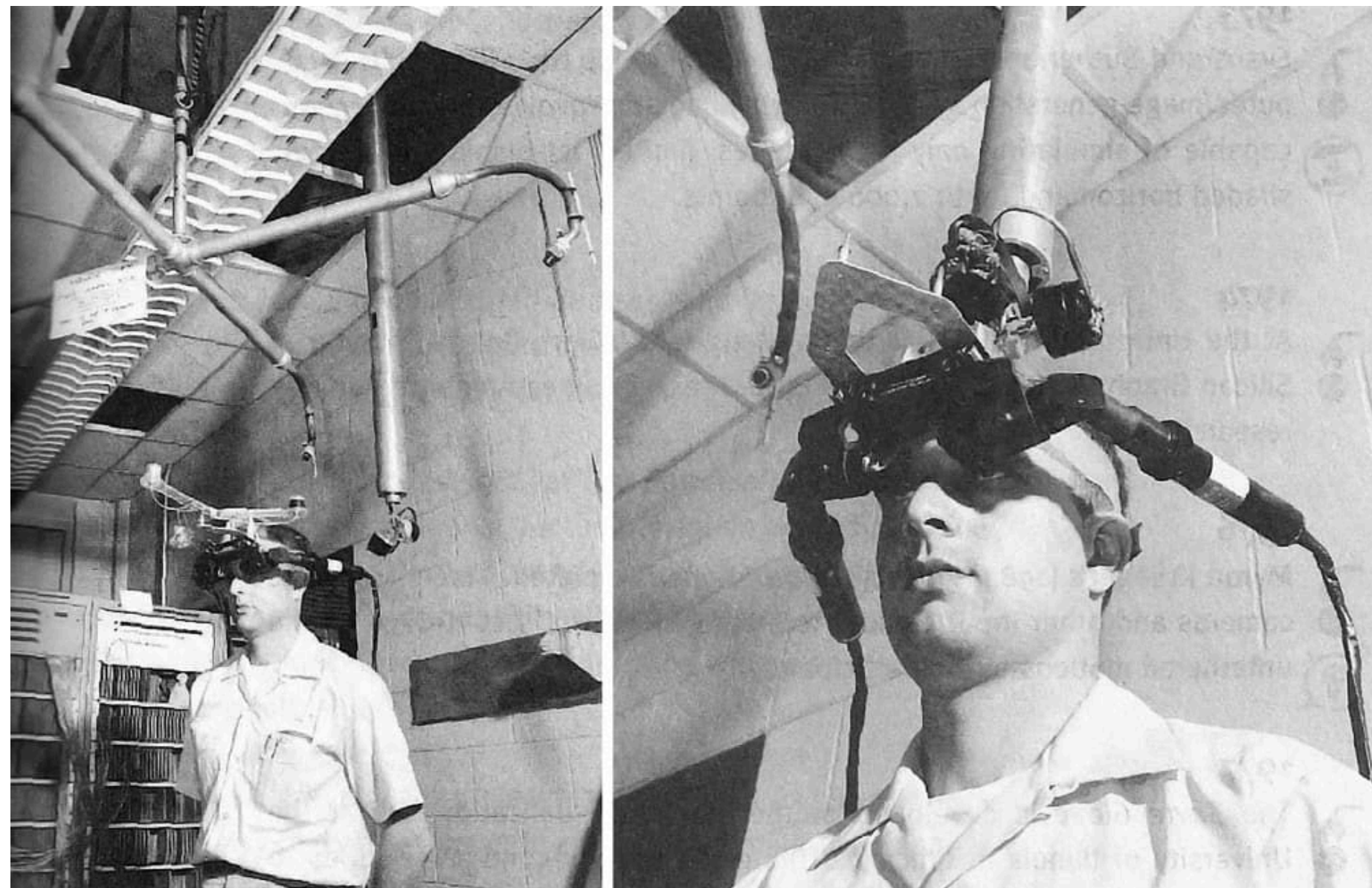
A05: Understanding the Evolution of Interface Design



Course Content for Week 6



Phases of Technology





NEXT STOP DOWNTOWN

SYSTEM UPDATES AVAILABLE

3 NEW MESSAGES

get off here

GET OFF NOW

GET OFF NOW

URGENT
BUY GROCERIES FOR MR D. JURADO

BONUS JOB
MASCOT
Costumed Retail Assistant, select to accept
5 MONKEYPOINTS

GET OFF AT DOWNTOWN
shopping list
7 items; autoNAV enabled for faster shopping
- pineapple
- yoghurt
7 MONKEYPOINTS

BONUS JOB
PROOF READING
premium only
8 MONKEYPOINTS

JOB MONKEY
LEVEL 4

LEVEL 23

éxito 99

Voice Recognition and More



Ubiquitous Computing



What Next?

- By **Wednesday (Nov. 13)**, identify at least 2 features from the visionary interfaces that still exist and 2 features that don't
- By **next Monday (Nov. 19)**, **watch** video content for week 6
- Begin preparing for the midterm exam!
17:15–18:45 (for 60 min.) on **Wednesday (Nov. 27)** in Temp 2



A04 Presentations

