

Computer-Supported Cooperative Work (CSCW)

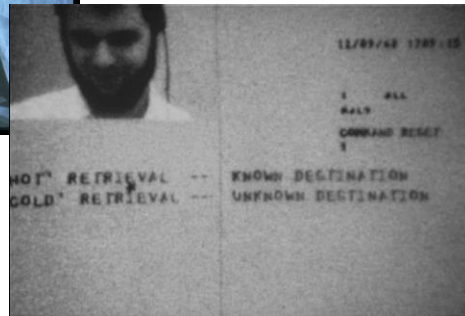
Anna Loparev
Intro HCI
04/25/2013

CSCW

History

History

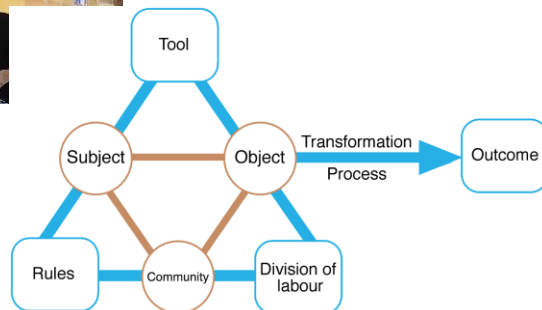
Before "CSCW"



3

History

1980s



4

History

Today



5

CSCW

Types

6

Types

Location



7

Types

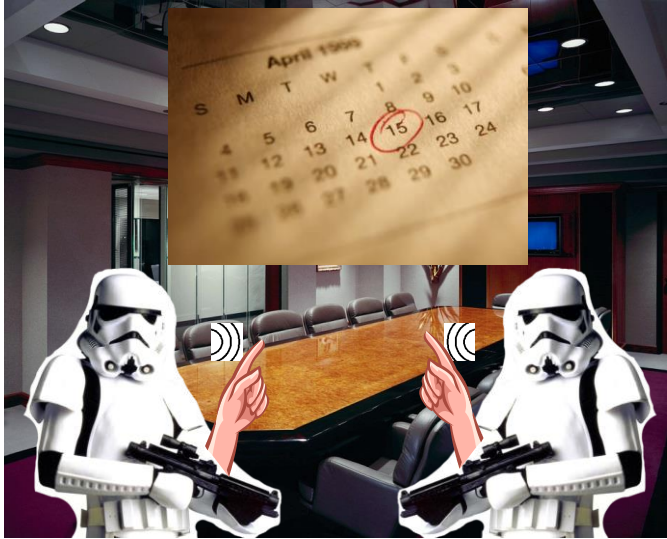
Time



8

Types

Goal



9

CSCW

Examples

12

Examples

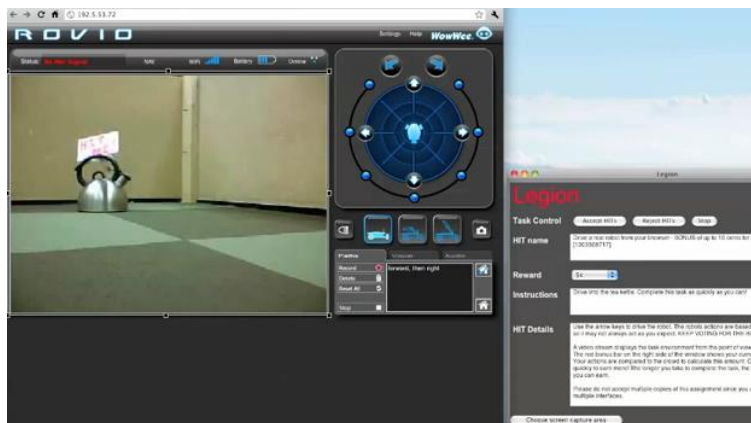
VizWiz



13

Examples

Legion



14

Examples

ESP



15

Examples

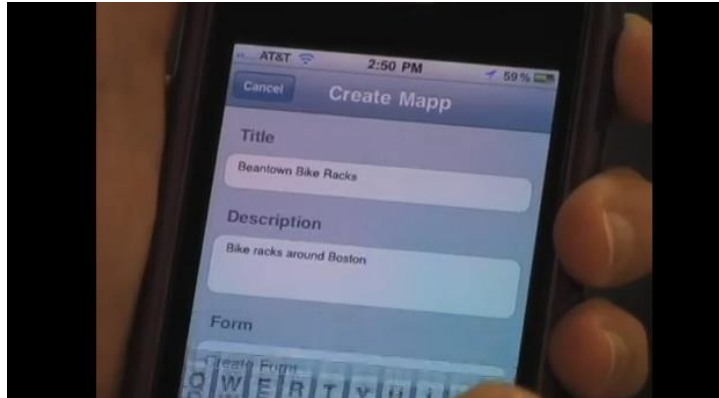
SPARSH



16

Examples

MoCoMapps



17

Examples

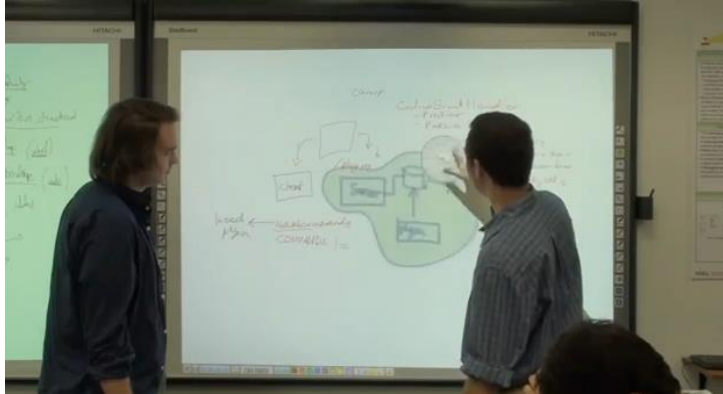
Cambiera



18

Examples

Calico



19

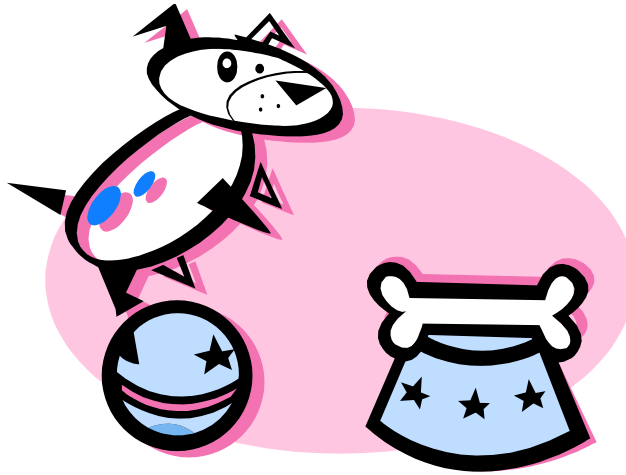
CSCW

Challenges

20

Challenges

Effort vs. benefit



21

Challenges

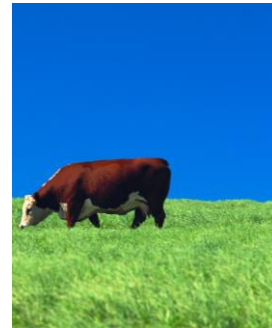
Limited perspective



22

Challenges

Critical mass

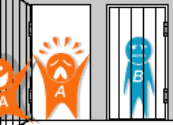


23

Challenges

Prisoner's dilemma

Prisoners' dilemma

		prisoner B	
		confess 	remain silent 
prisoner A	confess 	 5 years 5 years	 0 year 20 years
	remain silent 	 20 years 0 year	 1 year 1 year

© 2006 Encyclopædia Britannica, Inc.

24

Challenges

Other social/motivational effects



25

Challenges

Exceptions



26

Challenges

Low-frequency



27

Challenges

Evaluation



28

Adaptation



29

Picture References

Information and Pictures:

- http://www.interaction-design.org/encyclopedia/csw_computer_supported_cooperative_work.html
- https://en.wikipedia.org/wiki/NLS_%28computer_system%29

30

Picture References

Pictures:

- https://en.wikipedia.org/wiki/History_of_videotelephony
- www.id-book.com
- <http://starwars.wikia.com/wiki/Stormtrooper>
- <http://www.horseforum.com/driving/harnessing-up-bridle-144001/>
- <https://deathbytrolley.wordpress.com/2013/01/14/society-is-handcuffed-in-the-prisoners-dilemma/>