

MIT MediaLab “ ”

* **

가

가

MIT MediaLab

MIT MediaLab

MIT MediaLab

“ ”

29



I.

II. “ ”

III. “ ”

IV.

I.

MIT MediaLab MIT Nicholas Negroponte
MIT

Jerome Wiesner 1985

가

(recognition),

(human-machine interface)

MediaLab

* ETRI /

** ETRI /

(viral)

.....

, (wearable computing), 가 ,
,
가 ,

MediaLab “ (Things That Think)”

가

, 가

“ ”

1995

- 가?
- , 가
- 가?
- 가 가?
- 가 가

, , ,
가 가 “ ”
, 29 가

II. “ ”

1. Serendipity

Serendipity 가

. Serendipity ,

Serendipity Bluetooth Symbian
 BlueAware Serendipity application 가 BlueAware
 Bluetooth Bluetooth ID(BTID)
 . Serendipity application BTID SMS ,
 BTID BTID
 / 가 가
 가 , 가 .

2. Topobo

Topobo LEGO 3 , LEGO
 Topobo ,
 Topobo ,
 , Topobo
 ,
 5 13 Topobo
 . 15

3. WatchMe

WatchMe
 . WatchMe ,

.....

GPS , 가
가
35cm 8
iDEN

4. What Was I Thinking?: A Personal Memory Aid

가
What Was I Thinking
e-mail, PDA
, Macintosh, Windows, Linux

5. Nanogate

Nanogate
MEMS(Micro electro mechanical systems) . Nanogate
가
. Nanogate 가
가
Lever - fulcrum 가
가 10⁶ 가
(molecular sorting),

6. Critical Cartography

가 , 가
가 , Web 가
가 가 가
가 가 .

7. Active Messenger

Active Messenger e-mail
가 . ,
가 . ,
e-mail
가
e-mail 가
.

8. Smart Architectural Surfaces

Smart Architectural Surfaces ,
가 .
가 .
LED 가
가 . 가
가 .
MIT .

9. Open Mind Commonsense

Open Mind Commonsense 가

.....

가 .
 가 .
 , “ 가 , ” “ 가
 , ” “ 가 100 , ” “ 가
 , ” “ 가 , ” “ 가
 , ” “ 가 ” .
 가 .

10. Tribble

Tribble
 . 30cm
 , , , ,
 .
 20 12 32 가
 . 32 , 3
 , , , 가 . 12
 가 가 7
 .
 RGB LED 가 , , , ,

11. Tangible Viewpoints

Tangible Viewpoints
 .
 가 .
 ,
 가 .
 가 .

가

가

가

12. Artifacts of the Presence Era

Artifacts of the Presence Era

5

,가

5

5

가

가

가

13. BEAT: The Behavior Expression Animation Toolkit

BEAT

가

가

14. Open GIA(Government Information Awareness)

, Open GIA

가 , ,
Open GIA C-SPAN

가 ,

15. Ripley: A Conversational Helping Hand

Ripley . Ripley 가
가 .
(proprioception) . 가
가 . 가
Ripley 가 ,
Ripley Hidden Markov Model
Ripley - , , ,

16. WearSAT: Wearable Situation Aware Terminal

(International Space Station: ISS)
EVA(Extra Vehicular Activities) .
EVA
MIT Boeing WearSAT , , ,
EMU(EVA Mobility Unit) 가
3 NASA
가 , , ,

17. Hyperscore

Hyperscore

(stroke)

가 가

. Hyperscore 가

,

가

가

18. Illuminating Clay

Illuminating Clay

.

3

, 가

, 가

19. ALF: Acrylic Life Form

ALF

가

ALF LOGO

LOGO ALF 가

ALF 가

ALF

ALF

LOGO

가 MIT . ALF

.....

LOGO ALF

가 .

ALF

, ALF 200 가

, 가 .

20. Public Anemone

Public Anemone

, . ,

가 가

. Public Anemone ,

Public Anemone , 5

8 90 가

.

21. Dobie T. Coyote

Dobie T.Coyote

, .

가 .

.

가 ,

.

Dobie 가

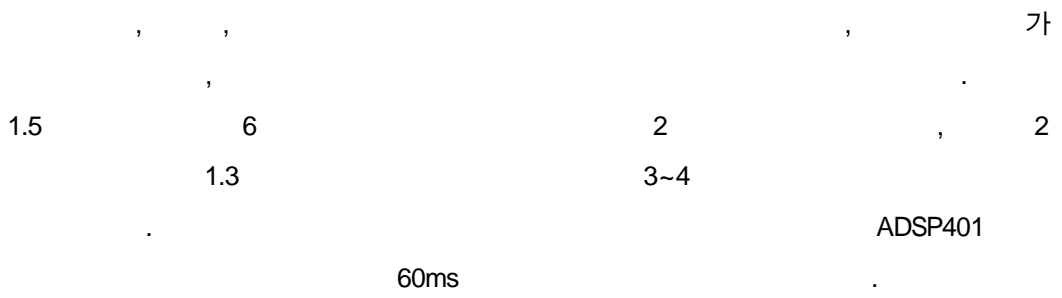
Dobie 가 (beg), , , 가가

, .

가

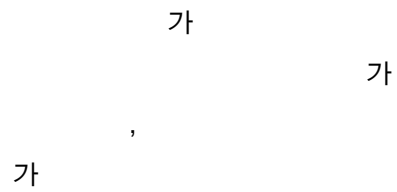
22. Tap-Track Technology

DSP



23. Cheese

Cheese



24. Electric Control of Biomolecules

Electric Control of Biomolecules

, DNA

가 DNA 가

25. Eyebox

Eyebox 3 “The Associate” ID가
“The Associate”
Eyebox 3
2 (silhouette)

Eyebox 가 , , 가 45 3 8
Eyebox 가 가

26. IP Network Design Workbench

IP Network Design Workbench IP
Tangible User Interface(TUI)
GUI QoS IP 가
TUI “Sensetable” , “Sensetable”
IP Network Design Workbench
“Sensetable” (puck)

가 ,

27. Cardiac PAF Detection and Prediction

Cardiac PAF Detection and Prediction (paroxysmal atrial fibrillation: PAF) 가 가

1 .

Cardiac PAF Detection and Prediction .

가

28. Wearable Health

가

, Wearable Health

가 .

Wearable Health

가

가 . , 가 ,

가

29. Smart City Cars

Smart City Cars

가

, , 가 ,

2006

III. “ ”

29 가

ubiquitous/pervasive/invisible

가

actuator

가

가

BT, NT,

가

IV.

가

MIT

“ ”

가

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- [3] Hayes Solos Raffle, Amanda J. Parkes and Hiroshi Ishii, “Topobo: A Constructive Assembly System with Kinetic Memory,” Conference on Human Factors in Computing Systems, April 2004.
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