2004 年
研　究　年　報
（2004 年 1 月～2004 年 12 月）

東京大学
人工物工学研究センター

平成１７年６月

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東京大学　人工物工学研究センター
2004年　研究年報

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人工物工学研究センター 平成16年の活動報告

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ライフサイクル工学研究部門
Lifecycle Engineering Research Division

藤田豊久，高橋浩之
Toyohisa Fujita, Hiroyuki Takahashi

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人工物最終廃棄段階での省エネ型選別方法の開発と評価（藤田）

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人の行動計測と判別に関する研究（淺間，川端，三島，石黒）

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研究業績（淺間教授）

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1) Nobutada Fujii, Motohiro Kobayashi, Toshiyuki Makita, Itsuo Hatono, Kanji Ueda: “Integration of Facility Planning and Layout Planning Using Self-organization in Semiconductor Manufacturing,” Proc. of 37th CIRP International Seminar on Manufacturing Systems, 19-21 May 2004, Budapest, Hungary, pp. 175-180, (2004)*
2) Masaaki Kobayashi, Nobutada Fujii, Motohiro Kobayashi, Toshiyuki Makita, Itsuo Hatono, Kanji Ueda, Toshiharu Taura: “Area Assignment Problems of Operators in Self-organization Based Facility Layout,” Proc. of the 5th International Workshop on Emergent Synthesis, 25-26 May 2004, Budapest, Hungary, pp. 67-72, (2004)*
3) Nobutada Fujii, Masaaki Kobayashi, Motohiro Kobayashi, Toshiyuki Makita, Itsuo Hatono, Kanji Ueda: “Self-organization Based Planning System in Multi-Product Semiconductor Manufacturing Systems,” Proc. of The 4th CIRP International Seminar on Intelligent Computation in Manufacturing Engineering (ICME2004), 30 June - 2 July 2004, Sorrento, Italy, pp. 9--14, (2004)*
4) Tomomi Kito, Nobutada Fujii, Kanji Ueda: “Co-Creative Decision Making in Artifactual Systems in Consideration

of Bounded Rationality," International Conference Experiments in Economic Sciences: New Approaches to Solving Real-world Problems (EES2004), 14-17 December 2004, Okayama and Kyoto, Japan, (2004)*

口 頭 発 表 Oral Presentations

1. 国際会議等（誌上発表のプロシーディングスに掲載されていないもの）

2. 国内会議

1)
〃
〃 14
2004 11 29 -12
1 pp. 203-204 (2004)

2) 〃
〃 14
2004 11 29 -12 1
pp. 201-202 (2004)

3)
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〃2004
2004 9
15-17 pp. 319-320 (2004)

4)
〃
〃2004
2004 3 16-18 pp.
403-404 (2004)

5)
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〃2004
2004 3 16-18 pp. 405-406
(2004)

6) 〃
〃
2004 2004 3
16-18 pp. 329-330 (2004)

そ の 他 特 記 事 項 Other Achievements

メディア報道
〃
〃 2004 5 7

客員人工物工学研究部門
Visiting Professor's Research Division

黒田　あゆみ
Ayumi Kuroda

広報活動（黒田）

2004　8　17

研究活動（黒田，淺間，上田）

PR

研究業績（黒田客員助教授）

誌　上　発　表　Publications
（*は，査読制度があるもの）

1．雑誌

出版活動（黒田）

（1）著書

1)

TAC

〃　　〃　　(2004)

3. 講演会等の開催

3.1 第８回人工物工学コロキウム

2004　4　26　(　) 13:00　18:15

2

内容紹介，プログラム

2004　4　26

2002

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12:30

13:00-13:10　　RACE

13:10-13:40

13:40-14:10

14:10-14:40

(　　)

14:50-15:20

15:20-15:50

15:50-16:20

16:20-16:50

17:00-17:30

17:30-18:00

18:00

3.2 第９回人工物工学コロキウム

2004 7 23 ( ) 13:00 17:40

5

内容紹介，プログラム

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12:00

13:00-13:15

13:15-13:55 RT(Robot Technology)

13:55-14:35

14:45-15:25

15:25-16:05 -2.5 -

16:15-16:55

16:55-17:35

17:45

3.3 第 10 回人工物工学コロキウム

2004 12 10 ( ) 13:00 18:00
13 3

内容紹介，プログラム
2004 12 10 10
13 ,
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■ 12:30

■ 13:00-13:10

■ 13:10-13:35

■ 13:35-14:20

■ 14:20-14:30

■ 14:30-15:15 :

■ 15:15-16:00 2
( )

■ 16:00-16:10

■ 16:10-16:55

■ 16:55-17:40

■ 17:40-17:55

■ 17:55-18:00

3.4 人工物工学研究センター共催の講演会

3.4.1 製錬及び金属加工等技術開発研修会事業講演会

15

■2004/2/20

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60

- -

3.4.2 第5回創発的シンセシスに関する国際ワークショップ

The 5th International Workshop on Emergent Synthesis (IWES'04)

Hungarian Academy of Science, Budapest, Hungary

■2004/5/24, 25

40

20

3.4.3 環境資源工学会第113回例会

■2004/11/11

150

4. 研究会およびフォーラム

4.1 サービス工学研究会(担当:新井, 下村)

2002 2 3
2005 3
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2005 3
2 2
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2001 2004 1
18 2 1

	2001	12/5	
	2002	2/22	1
	2003	5/10	2
		7/16	3
		9/13	4
		11/15-16	5 1
		2/11	6
	2003	4/21	7
	2004	6/26	8
		9/12	9
		12/5	10
		1/23	11
		3/23	12
	2004	5/28	13
	2005	7/22	14
		10/12	15
		12/22	16
		1/8-9	17 2
		3/3	18

4.2 共創プラットフォーム(担当:上田)

2003　5
2　2004　24　7　5

設立の背景

目的

設置期間
2003　5　3　3

研究実施期間

参加資格

2004 年度活動実績

定例会	レクチャー	チュートリアル	コラボレーション
1 2004 4 16		PD	NHK
2 2004 6 25			
3 2004 8 4			
4 2004 11 12	CG		
5 2005 2 18		PD	2004 10

5. 付録

5.1 組織

5.1.1 スタッフ

5.1.2 研究員

5.1.3 客員研究員

5.1.4 協力研究員

5.1.5 外国人研究員

3

5.1.6 研究室メンバー

1

JSPS : 1

COE : 1

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5.1.7 事務

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