

Rencon

Overview

September 5, 2005

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What is *Rencion*

objectivity

comparison

quantification

- Pursue evaluation methods for performance rendering systems
 - CONtest for performance RENdering systems
- Forum for all who work on musical expression
- Cooperative work for the research area to prosper

History

- 2000 Demonstration (Japan domestic)
Technical presentations and
contest (listening comparison)
- 2002 @ICAD, @FIT
- 2003 @IJCAI common evaluation ground
- 2004 @NIME Turing Test, autonomy
- 2005 @ICMC

Past Rencon 1/2

	ICAD 2002	FIT 2002	IJCAI 2003	NIME 2004	ICMC 2005
Musical section	none	none	Compulsory/open	Comp(TT)/Gnirut/ open	Compulsory/open
Compulsory music	none	Chopin's or Mozart's	Chopin's	Chopin's	Mozart's K. 1e
Common sound source	<u>Disklavier</u>	none	GIGA piano	GIGA piano	GIGA piano
Judgment	<u>Audience voting</u>	A. V. and evaluation by a specialist	Audience voting	Audience voting	

Past Rencon 2/2

	ICAD 2002	FIT 2002	IJCAI 2003	NIME 2004	ICMC 2005
#participants	35	<u>63</u>	11	51	
#presentations	8	(9)	10 (+6)	3 (+9)	
#music entries	6	10	6/4	9/3/6	
Invited speaker	<u>Dr. Bresin</u>		Dr. Desain		

The Future...

Evaluation methods

Research trend

Support of the research
community

common evaluation ground

sound source

compulsory music

data

concentration and diversity

several instruments

not only classic music

increase the number of new
comers

what is the profit?

why important?

<http://shouchan.ei.tuat.ac.jp/~rencon/>

see you at Rencon next year

Call for Rencon 2006 organizer



Renc^on 2004 @ ICAD





voting sheet

How do you like the performance?

5 very much 4 so so 3 neutral 2 do not 1 do not so much

Was the performance natural for you?

5 very much 4 so so 3 neutral 2 was not 1 was not so much

1. Chopin, Etude, Op. 10, No. 3, Manual rendering, Hashida

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

2. Chopin, Etude, Op. 10, No. 3, Yutaka, Noike and Hashida

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

3. Chopin, Etude, Op. 10, No. 3, Ha-Hi-Hun, Hirata and Hiraga

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

4. Chopin, Etude, Op. 10, No. 3, Kagurame-I, Suzuki

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

5. Chopin, Waltz, Op. 69, No. 2, CiP #1, Ooshima, Nishimoto, and Miyagawa

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

6. Chopin, Waltz, Op. 69, No. 2, CiP #2, Ooshima, Nishimoto, and Miyagawa

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

7. Chopin, Waltz, Op. 64, No. 2, MIS, Katayose

How do you like the performance? 5 4 3 2 1

Was the performance natural for you? 5 4 3 2 1

8. Mozart, K. 311, MUSE, Taguti



FIT Rencon

Results of listening comparison

	FIT	1	2	3	4	5	6	7	8
8	1	1	1	1	1	1	1	2	1
10	2	2	2	2	3	2	3	3	3
7	3	5	5	5	2	3	2	1	2
6	4	3	3	6	5	4	5	5	5
2	5	4	4	3	4	6	8	8	6
9	6	7	7	4	7	5	4	6	7
1	6	6	6	7	6	8	7	7	4
5	8	8	8	8	8	7	6	4	8
4	10	9	9	10	10	9	9	9	9
3	9	10	10	9	9	10	10	10	10

Competitive Fund



year	amount (M yen)	by
2000	0.8	Nissan Foundation
2001-2004	80.0	Japan Science and Technology Corporation
2002-2003	1.0	Kayamori Foundation
2003	1.0	NTT
2005		