

PROGRAMME

THE 18TH WORLD COMPUTER CHESS CHAMPIONSHIP

THE JAIST COMPUTER OLYMPIAD

AT JAIST

September 24 – October 2, 2010

Shiinoki Cultural Complex
Kanazawa, Japan

Ishikawa Prefecture



(財)北陸先端科学技術大学院大学
支援財団


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 **NTT** 西日本

“光”ひろがる、ひびきあう。

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Happy Communication!

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I-O DATA

PROGRAMME
THE 18TH WORLD COMPUTER CHESS
CHAMPIONSHIP
THE JAIST COMPUTER OLYMPIAD
AT JAIST

September 24 – October 2, 2010

Venue:
Shiinoki Cultural Complex
Kanazawa, Japan

Organised by

Japan Advanced Institute of Science and Technology (JAIST)

International Computer Games Association (ICGA)

Tilburg centre for Cognition and Communication (TiCC)

ORGANISATION

Organising Committee

Hiroyuki Iida (Chair)

Setsuko Asakura

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Tournament Director

WCCC: H.J. van den Herik

Computer Olympiad: H.J. van den Herik

Assistant Tournament Director

WCCC: J. Krabbenbos

Computer Olympiad: H. Iida, H. Matsubara, T. Ito, and
Y. Tsuruoka

Sponsors

JAIST

Ishikawa Prefecture

ICGA

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ChessBase

Matsusaki

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Fujitsu

Komatsu

Hokkoku Bank

Gakken Education Publishing

I-O DATA

Tanaka & Shobundo Graphic Art

PFU

Foundation for JAIST, Hokuriku

WELCOME

It is our pleasure to welcome you to the 18th World Computer-Chess Championship and the JAIST Computer Olympiad held at the Shiinoki Cultural Complex, Kanazawa, Japan. The events take place from September 24 to October 2, 2010 and are held under the auspices of the ICGA (International Computer Games Association).

We are happy to offer you an exciting computer-chess championship in which the strongest chess programs of the world participate. In the Computer Olympiad 90 programs participate, distributed over 19 games.

The participants of the events come from Asia, Europe, and North-America.

We are grateful for the support by *JAIST, ChessBase, Ishikawa Prefecture, TiCC, Fujitsu, Komatsu, Hokkoku Bank, Gakken Education Publishing, I-O DATA, Tanaka & Shobundo Graphic Art, PFU, Matsusaki, NTTWEST and Foundation for JAIST*. They have made the events possible.

Finally, we would like to wish all attendees an exciting World Chess Championship and Computer Olympiad. We hope that the participants will stimulate each other to develop numerous ideas for future scientific research.

Professor H.J. van den Herik

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OUTLINE OF THE 2010 PROGRAMME

Date		18th WCCC	JAIST Olympiad	WCSC
Friday Sept 24	10.30-12 h 13-14 h	Opening Ceremony Players meeting	Opening Ceremony	
Saturday Sept 25	09-13 h 14-18 h	Round 1 WCCC Round 2 WCCC	13.30-14 h Players Meeting 14-21 h Games	19-21 h Round 1
Sunday Sept 26	09-13 h 14-18 h	Round 3 WCCC Round 4 WCCC	14-21 h Games	19-21 h Round 2
Monday Sept 27		Excursion day	Excursion day	
Tuesday Sept 28	09-13 h	Round 5 WCCC	10-21 h Games	14-16 h Round 3 17-19 h Round 4
Wednesday Sept 29	09-13 h 14-18 h 19-22 h	Round 6 WCCC Round 7 WCCC Speed tournament	10-21 h Games	
Thursday Sept 30	09-13 h	Round 8 WCCC	10-21 h Games	14-16 h Round 5 17-19 h Round 6
Friday October 1	09-13 h 14-18 h	Round 9 WCCC Play-off	10-21 h Games	19-21 h Round 7
Saturday October 2	20 h	Closing ceremony	Play-offs Closing Ceremony	14-16 h Round 8 17-19 h Round 9 20 Closing Ceremony

PARTICIPANTS WCCC 2010 and WCSC TOURNAMENT

WCCC 2010

Program	Author(s)	Email address
DARMENIOS	Dariusz Czechowski	darzech@gmail.com
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RYBKA	Vasik Rajlich	vrajlich@yahoo.com
SHREDDER	Stefan Meyer-Kahlen	info@shredderchess.com
THINKER	Kerwin Medina	kerwin@gmail.com

WCSC 2010

Program	Author(s)	Email address
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RONDO	Zach Wegner	zwegner@gmail.com
SHREDDER	Stefan Meyer-Kahlen	info@shredderchess.com
THINKER	Kerwin Medina	kerwin@gmail.com

TOURNAMENT TABLE WCCC 2010

	Program	1	2	3	4	5	6	7	8	9	10	Tot	Pl
1	DARMENIOS	X											
2	DEEP JUNIOR		X										
3	FRIDOLIN			X									
4	HECTORFORCHESS				X								
5	JONNY					X							
6	PANDIXBREAKTHR.						X						
7	RONDO							X					
8	RYBKA								X				
9	SHREDDER									X			
10	THINKER										X		

PROGRESS TABLE WCCC 2010

	Score after round	1	2	3	4	5	6	7	8	9	Total	Place
1	DARMENIOS											
2	DEEP JUNIOR											
3	FRIDOLIN											
4	HECTORFORCHESS											
5	JONNY											
6	PANDIXBREAKTHR.											
7	RONDO											
8	RYBKA											
9	SHREDDER											
10	THINKER											

TOURNAMENT TABLE WCSC 2010

	Program	1	2	3	4	5	6	7	8	9	Total	Place
1	DARMENIOS	X										
2	DEEP JUNIOR		X									
3	FRIDOLIN			X								
4	HECTOR FOR CHESS				X							
5	JONNY					X						
6	PANDIXBREAKTHR.						X					
7	RONDO							X				
8	SHREDDER								X			
9	THINKER									X		

PROGRESS TABLE WCSC 2010

	Score after round	1	2	3	4	5	6	7	8	9	Total	Place
1	DARMENIOS											
2	DEEP JUNIOR											
3	FRIDOLIN											
4	HECTORFOR CHESS											
5	JONNY											
6	PANDIXBREAKTHR.											
7	RONDO											
8	SHREDDER											
9	THINKER											

SCHEDULE COMPUTER GAMES

Amazons					ID	Program
Sat	1400-1500	arr-8qp	Bit-qiy	ff-inv	arr	Arrow2
	1500-1600	Qiy-arr	8qp-inv	Bit-ff	bit	BitGo
	1600-1700	arr-inv	Qiy-ff	8qp-bit	ff	Findfire
	1700-1800	ff-arr	Inv-bit	Qiy-8qp	inv	Invader
	1800-1900	arr-bit	ff-8qp	Inv-qiy	qiy	Qiyi
					8qp	8QP
Sun	1400-1500	8qp-arr	Qiy-Bit	Inv-ff		
	1500-1600	Arr-qiy	Inv-8qp	ff-bit		
	1600-1700	Inv-arr	ff-qiy	Bit-8qp		
	1700-1800	Arr-ff	Bit-inv	8qp-qiy		
	1800-1900	Bit-arr	8qp-ff	Qiy-inv		
	1900-2000	Playoffs				

Chinese Chess					bye	ID	Program
Sat	1400-1600	Ex-tm Tm-ex	Hq-sr Sr-hq	Shi-shim Shim-shi	ch	Ch	Chimo
	1600-1800	Tm-ch Ch-tm	Ex-shim- shim-ex	Hq-shi Shi-hq	sr	Ex	Excalibur
	1800-1900	break				HQ	HaQiKiD
	1900-2100	Ch-sr Sr-ch	Tm-shim Shim-tm	Ex-hq Hq-ex	shi	Shi	Shiga
	2100-2200	Shim-ch	Sr-shi	Tm-hq	ex	shim	Shimanesse
						sr	SunRise
Sun	1400-1600	Ch-shi Shi-ch	Shim-hq Hq-shim	Sr-ex Ex-sr	tm	Tm	TMSK
	1600-1800	Hq-ch Ch-hq	Shi-ex Ex-shi	Sr-shim Shim-sr	shim		
	1800-1900	break					
	1900-2100	Ch-ex ex-ch	Shi-tm Tm-shi	Shim-sr Sr-shim	hq		
	2100-2200	Ch-shim	Shi-sr	Hq-tm			
Tue	1000-1200	Playoffs					

Chinese Dark Chess					ID	Program
Sat	1400-1500	Dcb-spar	dc-mo	Fl-lol	dcb	DarkChessBeta
	1500-1600	Mo-dcb	Spar-lol	dc-fl	dc	Dark_chesser
	1600-1700	Dcb-lol	Mo-fl	Spar-dc	fl	Flipper
	1700-1800	Fl-dcb	Lol-dc	Mo-spar	lol	Leave-or-Lose
	1800-1900	Dcb-dc	Fl-spar	Lol-mo	mo	Modark
					spar	Sparrow
Sun	1400-1500	Spar-dcb	Mo-dc	Lol-fl		
	1500-1600	Dcb-mo	Lol-spar	Fl-dc		
	1600-1700	Lol-dcb	Fl-mo	dc-spar		
	1700-1800	Dcb-fl	dc-lol	Spar-mo		
	1800-1900	dc-dcb	Spar-fl	Mo-lol		
Playoff	1900-2000					

Gconnect6						ID/Program
Sat	1400-1500	Ant-zlm	Bit6-mtf	Craz-make	Ex-kav	Ant
	1500-1600	Mtf-ant	Zlm-make	Bit-kav	Craz-ex	BITconnect 6
	1600-1700	Ant-make	Mtf-kav	Zlm-ex	Bit-craz	Crazy 6
	1700-1800	Kav-ant	Make-ex	Mtf-craz	Zlm-bit	Explorer
Sun	1400-1500	Ant-ex	Kav-craz	Make-bit	Mtf-zlm	Kavalan
	1500-1600	Craz-ant	Ex-bit	Kav-zlm	Make-mtf	MakeIt6
	1600-1700	Ant-bit	Craz-zlm	Ex-mtf	Kav-make	MoreThenFive
	1700-1800	Playoffs				zlm

Dots and Boxes		(3 double rounds)	ID	Program
Tue	1400-1500	bitp-SH	bitp	BITPanda
	1500-1600	SH-bitp	SH	The Shark
	1600-1700	bitp-SH		
	1800-1900	SH-bitp		
Wed	1000-1100	bitp-SH		
	1100-1200	SH-bitp		
		Playoff		

Draughts	(3 double rounds)		ID	Program
Sat	1400-1500	Roc-tdk	tdk	TdKing
	1500-1600	Tdk-roc	Roc	Rocky
	1600-1700	Roc-tdk		
Sun	1400-1500	Tdk-roc		
	1500-1600	Roc-tdk		
	1600-1700	Tdk-roc		
	1700-1800	Playoff		

Go 9x9		
Sat	1330	Room open
	1330-1340	Setup
	1340-1400	Meeting
	1400-1440	Round 1
	1450-1530	Round 2
	1540-1620	Round 3
	1630-1710	Round 4
	1720-1800	Round 5

Go 9x9		
Sun	1330	Room open
	1330-1340	Setup
	1340-1420	Round 6
	1430-1510	Round 7
	1520-1600	Round 8
	1610-1650	Round 9
	1700-1740	Round 10
	1740-1800	Ceremony

Go 13x13		
Tues	0900	Room open
	0900-0920	Setup
	0920-0940	Meeting
	0940-1040	Round 1
	1050-1150	Round 2
	1200-1300	Lunch
	1310-1410	Round 3
	1420-1520	Round 4
	1530-1630	Round 5
	1640-1740	Round 6
	1750-1800	Ceremony

Go 19x19		
Wed	0900	Room open
	0900-0920	Setup
	0920-0940	Meeting
	0940-1110	Round 1
	1120-1220	Lunch
	1230-1400	Round 2
	1410-1540	Round 3
	1550-1720	Round 4

Go 19x19		
Thurs	0900-0920	Setup
	0920-1050	Round 5
	1100-1230	Round 6
	1240-1340	Lunch
	1350-1520	Round 7
	1530-1700	Round 8

Go 19x19		
Fri	0900-0920	Setup
	0920-0950	Round 9
	1100-1230	Round 10
	1240-1340	Lunch
	1350-1520	Round 11
	1530-1700	Round 12
	1710-1730	Ceremony

Havannah		(2 double rounds)		bye	ID	Program
Tue	1000-1100	Laj-wan	Sha-pzn	cas	cas	Castro
	1100-1200	Wan-cas	Laj-sha	pzn	laj	Lajkonik
	1200-1300	Cas-pzn	Wan-sha	laj	sha	Shakty
	1300-1400	Sha-cas	Pzn-laj	wan	pzn	PZN
	1400-1500	Cas-laj	Pzn-wan	sha	wan	Wanderer
Wed Playoff	1000-1100	Wan-laj	Pzn-sha	cas		
	1100-1200	Cas-wan	Sha-laj	pzn		
	1200-1300	Pzn-cas	Sha-wan	laj		
	1300-1400	Cas-sha	Laj-pzn	wan		
	1400-1500	Laj-cas	Wan-pzn	sha		
	1500-1600					

Hex	(2 double rounds)		ID	Program
			Bit	BITaHex
Sat	1400-1500	yop-wol	Mim	Mimhex
	1500-1600	mim-moh	Moh	MoHex
	1600-1700	moh-mim	Wol	Wolve
	1800-1900	moh-bit	yop	Yopt
	1900-2000	bit-moh		
Sun	1400-1500	mim-wol		
	1500-1600	wol -yop		
	1600-1700	wol-mim		
	1700-1800	mim-bit		
	1800-1900	bit-mim		
Tues	1400-1500	wolv-bit		
	1500-1600	bit-wolv		
	1600-1700	moh-yop		
	1800-1900	yop - mim		
	1900-2000	mim-yop		
	2000-2100	yop-moh		
Wed	1400-1500	moh-wol		
	1500-1600	wol-moh		
	1600-1700	yopt-bit		
	1800-1900	bit-yopt		
	1900-2000	playoff		
	2000-2100	playoff		

Puzzle games

Light-up	(double round robin)		ID	Program
Sat	1330-1430	Cpu-oct	cpu	Cpuzzler
	1430-1530	Cpu-pcc	oct	Octopus
	1530-1630	Oct-pcc	pcc	PCCU
Sun	1330-1430	Cpu-oct		
	1430-1530	Cpu-pcc		
	1530-1630	Oct-pcc		
	1730-1830	Playoff		

Nonograms	(double round robin)		ID	Program
Sat	1330-1430	Cpu-eni	cpu	Cpuzzler
	1430-1530	Cpu-oct	eni	Enigma
	1530-1630	Eni-oct	oct	Octopus
Sun	1330-1430	Cpu-eni		
	1430-1530	Cpu-oct		
	1630-1730	Eni-oct		
	1830-1930	Playoff		

Nurikabe	(double round robin)			ID	Program
Sat	0930-1030	Cpu-eni	Hap-oct	cpu	Cpuzzler
	1030-1130	Cpu-hap	Eni-oct	eni	Enigma
	1130-1230	Cpu-oct	Hap-eni	hap	HappyNuri
				oct	Octopus
Sun	0930-1030	Cpu-eni	Hap-oct		
	1030-1130	Cpu-hap	Eni-oct		
	1130-1230	Cpu-oct	Hap-eni		
	1230-1330	Playoff			

Phantom Go	(4 double rounds)		ID	Program
Thurs	1000-1100	Icy-gol	icy	IcySoftwoodwin
	1100-1200	Gol-moc	gol	Golois
	1200-1300	Icy-moc	moc	Moccos
	1300-1400	break		
	1400-1500	Gol-icy		
	1500-1600	Moc-gol		
	1600-1700	Moc-icy		
	1700-1800	Icy-gol		
Fri	1000-1100	Gol-moc		
	1100-1200	Icy-moc		
	1200-1300	Gol-icy		
	1300-1400	break		
	1400-1500	Moc-gol		
	1500-1600	Moc-icy		
	1700-1800	Playoff		

Quoridor		(2 double rounds)		ID	Program
Sat	1400-1500	Dana-qai	Ky-ari	ari	ARiAdoNE
	1500-1600	Ari-dana	Ky-qai	dana	DANA
	1600-1700	Qai-ari	Dana-ky	ky	Ky
Sun	1400-1500	Ari-qai	Ky-dana	qai	QAI
	1500-1600	Qai-dana	Ari-ky		
	1600-1700	Dan-ari	Qai-ky		
	1700	Playoff			

Shogi 5x5		
Tue	0900-09.30	setup
	0930-1010	Round 1
	1020-1100	Round 2
	1110-1150	Round 3
	1150-1300	Lunch
	1300-1340	Round 4
	1350-1430	Round 5
	1440-1520	Round 6
	1530-1610	Round 7
	1620-1700	Round 8
	1710-1750	Round 9
	1800-1840	Playoffs

Shogi		
Wed	1000-1200	Round 1
	1300-1500	Round 2
	1500-1700	Round 3
Thurs	1000-1200	Round 4
	1300-1500	Round 5
	1500-1700	Round 6
Fri	1000-1200	Round 7
	1300-1500	Round 8
	1500-1700	Round 9 or playoffs

Surakarta	(2 double rounds)		ID	Program
Sat	1400-1500	Bit-qiy	sia	SIA
	1500-1600	Qiy-bit	bitp	Bitpanda
	1700-1800	Bit-sia	qiyi	Qiyi
	1800-1900	Sia-bit		
	1900-2000	Qiy-sia		
	2000-2100	Sia-qiy		
Sun	1400-1500	Bit-qiy		
	1500-1600	Qiy-bit		
	1700-1800	Bit-sia		
	1800-1900	Sia-bit		
	1900-2000	Qiy-sia		
	2000-2100	Sia-qiy		
		Playoff		

Special events October 2, 2010

10:30 ~ 12:00:

Special Lecture:

Can a computer defeat a grand master?

By Mr. Nobuyuki Ohuchi shogi GM 9-dan

13:00 ~ 15:00:

Man vs Machine

Ms. Rina Fujisawa (First-dan, age 11) vs the computer Go Champion

She is the ever youngest lady professional.

Commentary by: Mr. Haruhiko Shirae, Go GM 8-dan

Amazons

ARROW 2 (Martin Müller, Canada)
BITGO (Hong Huang and students, China)
FINDFIRE (Hu Xiaowei, China)
INVADER (Richard Lorentz, USA)
QIYI ((Hong Huang and students, China)
8QP (Johan de Koning, The Netherlands)

Chinese Chess

CHIMO (I-Chen Wu, Chinese Taiwan)
EXCALIBUR (Hong Huang and students, China)
HAQIKI D (Harm Geert Muller, The Netherlands)
SHIGA (Shi-Jim Yen, Taiwan)
SUNRISE (Cui Hao and students, China)
TMSK (Bing-Jie Shen, Taiwan)

Chinese Dark Chess

DARK CHESS BETA (Cheng-Hsiao Hsieh, China)
DARK_CHESSER (Hung-Jui Chang, China)
FLIPPER (Bo-Nian Chen, Taiwan)
LEAVE OR LOSE (Meng-Tsung Tsai, Taiwan)
MODARK (Shi-Jim Yen, Taiwan)
SPARROW (Bing-Jie Shen, Taiwan)

Connect6

ANT (Yu-Chen Lai, Taiwan)
BITCONNECT6 (Hong Huang and students, China)
CRAZY6 (Tadaki Higuchi, Japan)
EXPLORER (Huan Wang, China)
KAVALAN (Shi-Jim Yen, Taiwan)
MAKEIT6 (Jan Krabbenbos, The Netherlands)
MORETHANFIVE (Cui Hao, China)
ZLM (Hong Huang and students, China)

Dots and Boxes

BITPANDA (Hong Huang and students, China)
THE SHARK (William Fraser, USA)

10x10 Draughts

ROCKY (Mark Winands, The Netherlands)

TDKING (Ton Tillemans, Swiss)

Go 9x9

AYA (Hiroshi Yamashita, Japan)

BITGO (Hong Huang and students, China)

CJUGO (Hsin-Hung Chou, Taiwan)

COLDMILK (Shi-Jim Yen, Taiwan)

ERICA (Chih-Chieh Huang, Taiwan)

FUEGO (Markus Enzenberger, Canada)

GOMORRA (Lars Schäfers, Germany)

HAPPY GO (I-Chen Wu, Taiwan)

KATSUNARI (Shinichi Sei, Japan)

KINOA IGO (Motoki Yamada, Japan)

MANY FACES OF GO (David Fotland, USA)

MINY (ChingNung Lin, Taiwan)

MoGo (Arpad Rimmel, France)

MYGOFRIEND (Frank Karger, UK)

NOMITAN (Kokolo Ikeda, Japan)

VALKYRIA (Magnus Persson, Germany)

Go 13x13

CJUGO (Hsin-Hung Chou, Taiwan)

COLDMILK (Shi-Jim Yen, Taiwan)

ERICA (Chih-Chieh Huang, Taiwan)

FUDO GO (Hideki Kato, Japan)

GOMORRA (Lars Schäfers, Germany)

KINOA IGO (Motoki Yamada, Japan)

MANY FACES OF GO (David Fotland, USA)

MoGo (Arpad Rimmel, France)

NOMITAN (Kokolo Ikeda, Japan)

Go 19x19

BITPANDA (Hong Huang and students, China)

ERICA (Chih-Chieh Huang, Taiwan)

FUEGO (Markus Enzenberger, Canada)

GOKNOT-ISGO (Jacques Basaldua, Spain)

GOMORRA (Lars Schäfers, Germany)

MANY FACES OF GO (David Fotland, USA)
MoGo (Arpad Rimmel, France)
NOMITAN (Kokolo Ikeda, Japan)
Zen (Yoji Ojima, Japan)

Havannah

CASTRO (Timo Ewalds, Canada)
LAJKONIK (Marcin Ciura, Poland)
PZN (Johan de Koning, The Netherlands)
SHAKTY (Olivier Teytaud, France)
WANDERER (Richard Lorentz, USA)

Hex

BITAHEX (Hong Huang and students, China)
MIMHEX (Jakub Pawlewicz, Poland)
MOHEX (Ryan Hayward, Canada)
WOLVE (Ryan Hayward, Canada)
YOPT (Abdallah Saffidine, France)

Phantom Go

ICYSOFTWAREWINE (Yuji Abe, Japan)
GOLOIS (Tristan Cazenave, France)
MOCCOS (Takuma Toyoda, Japan)

Quoridor

ARIADONE (Yuki Doi, Japan)
DANA (Takashi Korekawa, Japan)
KY (Ryuji Takise, Japan)
QAI (Haruhiko Akiyama, Japan)

Shogi 5x5

CLAIR1/128 (Takuya Obata, Japan)
EVG (Shun-Chin Hsu, Taiwan)
INOUE55SHOGI (Koichi Inoue, Japan)
KNOCK-KNOCK (Mana Asada, Japan)
RIN5 (Seia Omori, Japan)
SAKANA (Satoshi Namai, Japan)
SSS (Nobushige Sawa, Japan)
55TACOS (Tsuyoshi Hashimoto, Japan)

VIVIO (Kazuyuki Kawabata, Japan)

Shogi

BONANZA (Kunihito Hoki, Japan)

EVARISTE GALOIS (Tasuku Hanai, France)

GEKISASHI (Yoshimasa Tsuruoka, Japan)

GPS SHOGI (Tetsuro Tanaka, Japan)

NANOHA (Kazuyuki Kawabata, Japan)

QIYI (Hong Huang and students, China)

SHOGIDOKI (Harm Geert Muller, The Netherlands)

SHUESO (Akira Takeuchi, Japan)

STR (Daiki Suehiro, Japan)

TACOS (Tsuyoshi Hashimoto, Japan)

Yamada Shogi (Taikou Yamada, Japan)

Kinoa Shogi (Motoki Yamada, Japan)

Surakarta

BITPANDA (Hong Huang and students, China)

QIYI (Hong Huang and students, China)

SIA (Mark Winands, The Netherlands)

Puzzle games

Light Up

CPUZZLER (Shi-Jim Yen, Taiwan)

OCTOPUS (Hsin-Hung Chou, Taiwan)

PCCU (Tai-Ning Yang, Taiwan)

Nurikabe

CPUZZLER (Shi-Jim Yen, Taiwan)

ENIGMA (Jr-Chang Chen, Taiwan)

HAPPYNURI (I-Chen Wu, Taiwan)

OCTOPUS (Hsin-Hung Chou, Taiwan)

Nonograms

CPUZZLER (Shi-Jim Yen, Taiwan)

ENIGMA (Jr-Chang Chen, Taiwan)

OCTOPUS (Hsin-Hung Chou, Taiwan)

NOTES