# **Computer Olympiad Results 2024**

## **Not Contested (only one entrant)**

Brazilian Draughts
Canadian Draughts
Chinese Chess
Go 9x9
Havannah 10x10
Hex 19x19
Honeymoon Bridge
Nonogram
Othello 10x10
Othello 8x8

### **Amazons**

MINIZERO2024: Yu-Hung Chang, Hung-Tse Lin, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

Thésée: Quentin Cohen-Solal and Tristan Cazenave

Program	MiniZero2024	Thésée
MiniZero2024	X	0
Thésée	2	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of Thésée, for winning the Gold Medal in the 2024 Computer Olympiad in Amazons.

### **Ataxx**

Karın: Katsuki Ohto

XXATAR: Quentin Cohen-Solal and Tristan Cazenave

Program	Karin	Xxatar
Karin	X	0
Xxatar	2	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of XXATAR, for winning the Gold Medal in the 2024 Computer Olympiad in Ataxx.

### Block Go

BLOCKGoZERO: Jie-Hua Gu Li

Go Go Block Go-1: Ken-Wen Lee and Shi-Jim Yen Go Go Block Go-2: Jie-Hui Kulee and Shi-Jim Yen

Program	BlockGoZero	Go Go Block Go-1	Go Go Block Go-2	Total
BlockGoZero	X	2	2	4
Go Go Block Go-1	4	X	4.5	8.5
Go Go Block Go-2	4	1.5	X	5.5

Congratulations to Ken-Wen Lee and Shi-Jim Yen, authors of Go Go BLOCK Go-1, for winning the Gold Medal in the 2024 Computer Olympiad in Breakthrough.

Congratulations to Jie-Hui Kulee and Shi-Jim Yen, authors of Go Go BLOCK Go-2, for winning the Silver Medal in the 2024 Computer Olympiad in Breakthrough.

# Breakthrough

APPLY ALPHAZERO: Hui-Hsian Weng, Jun-Yi Li, and I-Chen Wu

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin

Shih, Pei-Chiun Peng, and Ti-Rong Wu

R2D2: Quentin Cohen-Solal and Tristan Cazenave SuperPudim: Jean-Nöel Vittaut and Nicolas Jouandeau

Program	Apply AlphaZero	MiniZero20 24	R2D2	SuperPudim	Total
Apply AlphaZero	X	0	0	2	2
MiniZero2024	2	X	0	2	4
R2D2	2	2	X	2	6
SuperPudim	0	0	0	X	0

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of R2D2, for winning the Gold Medal in the 2024 Computer Olympiad in Breakthrough.

Congratulations to Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu, authors of MINIZERO2024, for winning the Silver Medal in the 2024 Computer Olympiad in Breakthrough.

Congratulations to Hui-Hsian Weng, Jun-Yi Li, and I-Chen Wu, authors of Apply AlphaZero, for winning the Bronze Medal in the 2024 Computer Olympiad in Breakthrough.

### **Chinese Dark Chess**

CLAP CDC: Chu-Hsuan Hsueh, Yuan-Hao Chen, Wen-Jie Tseng, and I-Chen Wu

DARKKNIGHT: Chu-Hsuan Hsueh, Wen-Jie Tseng, and I-Chen Wu

KATO: Jun-Jie Huang, Hsing-Yu Chen, and Chien-I Kao PupilDarkChess: Yueh Cheng and Hung-Jui Chang Super Baba: Jean-Nöel Vittaut and Nicolas Jouandeau

Yahari: Jr-Chang Chen, You-Cheng Syu, Gang-Yu Fan, Ting-Yu Lin, Tsan-sheng Hsu, Hsuan-Yu

Wang, and Jun-Ping Chen

Program	CLAP_CDC	Dark Knight	Като	PupilDark Chess	Super Baba	Yahari	Total
CLAP_CDC	X	2	2	0.5	2	2	8.5
Dark Knight	0	X	1.5	1	2	1	5.5
Като	0	0.5	X	0.5	2	1.5	4.5
PupilDark Chess	1.5	1	1.5	X	2	2	8
SUPER BABA	0	0	0	0	X	0	0
Yahari	0	1	0.5	0	2	X	3.5

Congratulations to Chu-Hsuan Hsueh, Yuan-Hao Chen, Wen-Jie Tseng, and I-Chen Wu, authors of CLAP\_CDC, for winning the Gold Medal in the 2024 Computer Olympiad in Chinese Dark Chess.

Congratulations to Yueh Cheng and Hung-Jui Chang, authors of PupilDarkChess, for winning the Silver Medal in the 2024 Computer Olympiad in Chinese Dark Chess.

Congratulations to Chu-Hsuan Hsueh, Wen-Jie Tseng, and I-Chen Wu, authors of DARK KNIGHT, for winning the Bronze Medal in the 2024 Computer Olympiad in Chinese Dark Chess.

### Clobber

HÉRACLÈS: Quentin Cohen-Solal and Tristan Cazenave

MINIZERO2024: Hung-Tse Lin, Yan-Ru Ju, Yu-Hung Chang, Jui-Yu Wang, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

Program	Héraclès	MiniZero2024
Héraclès	X	2
MiniZero2024	0	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of MiniZero2024, for winning the Gold Medal in the 2024 Computer Olympiad in Clobber.

#### Connect6

Bernard-Lowe: Quentin Cohen-Solal and Tristan Cazenave

CLAP CONNECT6: Chi-Huang Lin, Shao-Xiong Zheng, Yuan-Hao Chen, and I-Chen Wu

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin

Shih, Pei-Chiun Peng, and Ti-Rong Wu

Program	Bernard-Lowe	CLAP_CONNECT6	MiniZero2024	Total
Bernard-Lowe	X	0	0	0
CLAP_CONNECT6	2	X	1	3
MiniZero2024	2	3	X	5

Congratulations to Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu, authors of MiniZero2024, for winning the Gold Medal in the 2024 Computer Olympiad in Clobber.

Congratulations to Chi-Huang Lin, Shao-Xiong Zheng, Yuan-Hao Chen, and I-Chen Wu, authors of CLAP CONNECT6, for winning the Silver Medal in the 2024 Computer Olympiad in Clobber.

## **Dots and Boxes (5×5)**

MINIZERO2024: Yu-Hung Chang, Hung-Tse Lin, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

WAR MACHINE: Ming-Rung Li, Chu-Chun Chi, Ke-Ching Chang, and I-Chen Wu

Program	MiniZero2024	War Machine
MiniZero2024	X	2
WAR MACHINE	0	X

Congratulations to Yu-Hung Chang, Hung-Tse Lin, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu, authors of MiniZero2024, for winning the Gold Medal in the 2024 Computer Olympiad in Dots and Boxes (5x5).

### EinStein Würfelt Nicht

BravoTwo: Zhuoxuan Li, Feilong Wen, Xutong Chu, Wenzhong Xu, Jiashu Rong, and Tianhao Qian NEINSTEIN!: Wei-Lin Hsueh and Tsan-Sheng Hsu

Program	BravoTwo	NEINSTEIN!
BravoTwo	X	66
NEINSTEIN!	134	X

Congratulations to Wei-Lin Hsueh and Tsan-Sheng Hsu, authors of NEINSTEIN!, for winning the Gold Medal in the 2024 Computer Olympiad in EinStein Würfelt Nicht.

# Havannah (8×8)

DOOMBOT-8: Quentin Cohen-Solal and Tristan Cazenave

MINIZERO2024: Yu-Hung Chang, Chung-Chin Shih, Hung-Tse Lin, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Pei-Chiun Peng, and Ti-Rong Wu

Program	<b>D</b> оомвот-8	MiniZero2024
<b>D</b> оомвот-8	X	2
MiniZero2024	0	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of Doombot-8, for winning the Gold Medal in the 2024 Computer Olympiad in Havannah (8x8).

# Hex (11×11)

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

ULTRON-11: Quentin Cohen-Solal and Tristan Cazenave

Program	MiniZero2024	Ultron-11
MiniZero2024	X	0
Ultron-11	2	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of Ultron-11, for winning the Gold Medal in the 2024 Computer Olympiad in Hex (11x11).

### Hex (13×13)

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

ULTRON-13: Quentin Cohen-Solal and Tristan Cazenave

Program	MiniZero2024	Ultron-13
MiniZero2024	X	0
Ultron-13	2	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of Ultron-13, for winning the Gold Medal in the 2024 Computer Olympiad in Hex (13x13).

# **International Draughts**

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

Zoe-A: Quentin Cohen-Solal and Tristan Cazenave

Program	MiniZero2024	Zoe-A
MiniZero2024	X	2
Zoe-A	0	X

Congratulations to Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu, authors of MINIZERO2024, for winning the Gold Medal in the 2024 Computer Olympiad in International Draughts.

# Kriegspiel

DARKBOARD: Nikola Novarlic, Gianpiero Favini, and Paolo Ciancarini

AnEternalFlower: Katsuki Ohto

Program	Darkboard	AnEternalFlower
Darkboard	X	4.5
AnEternalFlower	0.5	X

Congratulations to Nikola Novarlic, Gianpiero Favini, and Paolo Ciancarini, authors of DARKBOARD, for winning the Gold Medal in the 2024 Computer Olympiad in Kriegspiel.

### **Lines of Action**

CLANK: Quentin Cohen-Solal and Tristan Cazenave

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

Program	Clank	MiniZero2024
Clank	X	2
MiniZero2024	0	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of CLANK, for winning the Gold Medal in the 2024 Computer Olympiad in Lines of Action.

# Mahjong

Dartrix: Hsing-Yu Chen and Hsin-Hsueh Chen FatesMeow: Liang-Zhu Chen and Chun-Yang Wang

MEOWCATS: Shih-Chieh Tang, Jr-Chang Chen, and I-Chen Wu

Pengpenghu: Lung Pin Chen and Zong Da Li Rowlet: Hsin-Hsueh Chen and Hsing-Yu Chen

SIMCAT: Shih-Chieh Tang, Fong-Shen Liao, Jr-Chang Chen, and I-Chen Wu

SNAX: Po-Han-Chou

VERYLONGCAT: Shih-Chieh Tang, Li-Kai Chuang, and I-Chen Wu VERYLONGDOG: Ya Lun Li, Ping Feng Yeh, and Deng Wei Chiu

Program Round 1 Round 2 Round 3 Round 4
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Dartrix	C 143000		A 16000	30500
FatesMeow	A 87500		A -17000	
MeowCats	В 74000		A 1500	-72500
Pengpenghu	B -285500	-251500		
Rowlet	C 36500	403000	B 44000	-17500
SIMCAT	C 158500		В 57000	59500
Snax	A 179500		A -500	
VERYLONGCAT	B 477500		B-56000	
VeryLongDog	A 36500	138500	В -45000	

Round 1: Three competitions (A, B, C) each with three competitors. The top three finishers in each competition move on to Round 3. The bottom finisher in each competition goes to Round 2.

Round 2: One competition with three competitors. The top two finishers move to Round 3. The bottom finisher is eliminated.

Round 3: Two competitions (A, B) each with four competitors. The top two finishers in each competition move to Round 4. The bottom two finishers in each competition are eliminated. Round 4: One competition with four competitors.

Congratulations to Shih-Chieh Tang, Fong-Shen Liao, Jr-Chang Chen, and I-Chen Wu, authors of SIMCAT, for winning the Gold Medal in the 2024 Computer Olympiad in Mahjong.

Congratulations to Hsing-Yu Chen and Hsin-Hsueh Chen, authors of Dartrix, for winning the Silver Medal in the 2024 Computer Olympiad in Mahjong.

Congratulations to Hsin-Hsueh Chen and Hsing-Yu Chen, authors of Rowlet, for winning the Bronze Medal in the 2024 Computer Olympiad in Mahjong.

## **Othello (16×16)**

HOLLYHOCK: Katsuki Ohto

RÉPLICATEUR #16: Quentin Cohen-Solal and Tristan Cazenave

Program	Ноггуноск	Réplicateur #16
Ноггуноск	X	0

Réplicateur #16	2	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of RÉPLICATEUR #16, for winning the Gold Medal in the 2024 Computer Olympiad in Othello (16x16).

### **Outer-Open Gomoku**

CLAP: Wei-Chen Liao, Po-Wei Huang, Shao-Xiong Zheng, Yuan-Hao Chen, and I-Chen Wu

MARVIN: Quentin Cohen-Solal and Tristan Cazenave

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

Program	CLAP	Marvin	MiniZero2024	Total
CLAP	X	2	0	2
Marvin	0	X	0	0
MiniZero2024	2	2	X	4

Congratulations to Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu, authors of MiniZero2024, for winning the Gold Medal in the 2024 Computer Olympiad in Outer-Open Gomoku.

Congratulations to Wei-Chen Liao, Po-Wei Huang, Shao-Xiong Zheng, Yuan-Hao Chen, and I-Chen Wu, authors of CLAP, for winning the Silver Medal in the 2024 Computer Olympiad in Outer-Open Gomoku.

# Quadruple Reversi

FENGREVERSI: Yu-Feng Yen TAROGO: Shi-Jim Yen

Program	FengReversi	Tarogo
FengReversi	X	5
Tarogo	3	X

Congratulations to Yu-Feng Yen, author of FengReversi, for winning the Gold Medal in the 2024 Computer Olympiad in Quadruple Reversi.

### Santorini

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu

THÉRAS: Quentin Cohen-Solal and Tristan Cazenave

Program	MiniZero2024	Théras
MiniZero2024	X	2
Théras	0	X

Congratulations to Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wu, authors of MiniZero2024, for winning the Gold Medal in the 2024 Computer Olympiad in Santorini.

### Shobu

Shizu: Katsuki Ohto

TARS: Quentin Cohen-Solal and Tristan Cazenave

Program	Shizu	TARS
Shizu	X	0
TARS	2	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of TARS, for winning the Gold Medal in the 2024 Computer Olympiad in Shobu.

### Surakarta

ATHÉNAN: Quentin Cohen-Solal and Tristan Cazenave

MINIZERO2024: Hung-Tse Lin, Yu-Hung Chang, Jui-Yu Wang, Yan-Ru Ju, Hung Guei, Chung-Chin Shih, Pei-Chiun Peng, and Ti-Rong Wuo

Program	Athénan	MiniZero2024
Athénan	X	2
MiniZero2024	0	X

Congratulations to Quentin Cohen-Solal and Tristan Cazenave, authors of Athénan, for winning the Gold Medal in the 2024 Computer Olympiad in Surakarta.