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History

Venues and participation						
Olympiad	Year	City, country	Venue	Sponsor(s)	Participation	
					Countries	Programs
1	1989 (August 9–15)	London, England	Park Lane Hotel			84
2	1990 (August 15–21)	London, England				
3	1991 (August 22–25)	Maastricht, Netherlands	Maastricht University			
4	1992 (August 5–11)	London, England	Park Lane Hotel	AST		
5	2000 (August 21–25)	London, England	Alexandra Palace			
6	2001 (August 18–23)	Maastricht, Netherlands	Maastricht University	CMG		
7	2002 (July 5–11)	Maastricht, Netherlands	Maastricht University			
8	2003 (November 23–27)	Graz , Austria	Dom im Berg and Casineum			
9	2004 (July 3–12)	Ramat Gan , Israel	Bar-Ilan University	Aladdin, ChessBase, Golan Heights Winery IBM Israel, Intel Israel, Israeli Chess Federation Israel Ministry of Tourism, Mercury, Pitango PowerDsine, Rimonim Hotels, City of Ramat-Gan		
10	2005	Taipei , Taiwan				
11	2006	Turin , Italy				
12	2007	Amsterdam , Netherlands				
13	2008	Beijing , China				
14	2009	Pamplona , Spain				
15	2010	Kanazawa , Japan				
16	2011	Tilburg , Netherlands				
17	2013	Yokohama , Japan				
18	2015	Leiden , Netherlands				

Developed in the 1980s by [David Levy](#), the first Computer Olympiad took place in 1989 at the [Park Lane Hotel](#) in [London](#). The games ran on a yearly basis until after the 1992 games, when the Olympiad's ruling committee was unable to find a new organiser. This resulted in the games being suspended until 2000 when the Mind Sports Olympiad resurrected them. Recently, the International Computer Games Association (ICGA) has adopted the Computer Olympiad and tries to organise the event on an annual basis.

Games contested

The games which have been contested at each olympiad are:

Link to event article	Olympiad and year															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Abalone								✓								
Amazons					✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Awari	✓	✓	✓	✓	✓											
Backgammon	✓	✓		✓			✓	✓			✓	✓				✓
Bridge	✓	✓	✓	✓			✓									
Chess	✓	✓	✓	✓										✓		
Chinese Chess	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chinese Dark Chess															✓	
Clobber										✓	✓				✓	✓
Connect Four	✓															
Connect6											✓	✓	✓	✓	✓	✓
Dominoes	✓															
Gin rummy				✓												
GIPF						✓										
Octi									✓							
Poker								✓								
Pool										✓	✓		✓			

1st Computer Olympiad

Medals awarded

Awari

1. Marco (R. Nierat)
2. Wali (E. van der Schilden)
3. Conchus (S. Thomas)

Backgammon

1. Neurogammon (Gerald Tesauero)
2. Video Gammon (R. Hoogerhyde)
3. Saitek Backgammon (Treesoft)

Bridge

1. Acol Master Bridge (<http://www.mult-sclerosis.org/AcolMasterBridge.html>) (Paul Jones)
2. Vtech (Tony Guilfoyle)
3. Oxford Bridge 3 (Andrew Bracher)

Checkers

1. Chinook (J. Schaeffer)
2. Checkers! (G. Dodgen)
3. Tournament Checkers (D. Butler)

Chess

1. Rebel (Ed Schroeder)
2. Mephisto (Richard Lang)
3. Fidelity (Kathe and Dan Spracklen)

Chinese chess

1. Acer Chinese Chess (Y. Shi-Shun)
2. Chinese chess Expert Acme (K-M. Ts'ao)
3. Elephant (S-C. Hsu)

Connect Four

1. Victor (V. Allis)
2. Heap (M. Taylor)
3. Four Blitz (H. van der Zijden)

Dominoes

1. LUCiano (D. Borrajo)
2. Seneca (M. Alicia Perez)
3. Rio de la Plata (E. Gramajo)

Draughts

1. Dios '89 (E. van Riet Paap)
2. Truus (S. Keetman)
3. McDammen (R. P. G. van Bemmelen)

Go 19×19

1. SWISS Explorer (A. Kierulf)
2. Goliath (M. Boon)
3. Star of Poland (J. Kraszek)

Go 9×9

1. Dragon (D-Y. Lin)
2. Go Intellect (K. Chen)
3. Goliath (M. Boon)

Gomoku

1. Matena (A. Frolov)
2. Homoku Sapiens (N. Alexandrov)
3. Domino (M. Muron and J. Novotny)

Othello

1. Polygon (A. Selby)
2. Comp'oth (F. Aguilhon)
3. Badia (M. van Tien)

Renju

1. Renju Sapiens (A. Grigoriev)
1. Tandy Renju (R. Lang)

Scrabble

1. Crab (A. Appel, G. Jacobson, G. Thomas and S. Thomas)
2. Tyler (A. Frank)
3. Quetzal (T. Guilfoyle and R. Hooker)

2nd Computer Olympiad

Medals awarded

Awari

1. Lithidion (University of Limburg)
2. Marco (R. Nierat)

Backgammon

1. Video Gammon (R. Hoogerhyde)
2. Prospero (R. Mills)

Bridge

1. Bridge Baron (T. Throop and T. Guilfoyle)
2. Oxford Bridge (A. Bracher)

Checkers

1. Colossus (M. Bryant)
2. Chinook (J. Schaeffer)
3. Checkermate (D. Oldbury and A. Millett)

Chess

1. Mephisto (R. Lang)
2. Rebel (E. Schroeder)
3. Zugzwang (P. Mysliwietz and R. Feldman)

Chinese chess

1. Elephant (S-C. Hsu)

2. Chinese Chess Expert (K-M. Ts'ao)
3. NKS (H.S. Long and S. Zi)

Go 19×19

1. Go Intellect (K. Chen)
2. SWISS Explorer (A. Kierulf and M. Müller)
3. Go 4 (M. Reiss)

Go 9×9

1. Go Intellect (K. Chen)
2. Go 4 (M. Reiss)
3. Dragon (D-Y. Lin)

Gomoku

1. Stone System (N. Alexandrov, M. Trukhan and A. Grigoriev)
2. Matena (A. Frolov)
3. Solid (A. Dolinsky)
3. XOXOXO (Lev Ilkov)

Othello

1. Dumbo (T. Duykers)
2. Vers2 (B. de Wolf)
3. Microb (M. Claverie)

Qubic

1. Qubic (A. Grigoriev)
2. Cube (M. Burton)

Renju

1. Renju Fan (N. Alexandrov, M. Trukhan and A. Grigoriev)
2. XOXOXO (L. Ilkov)

Scrabble

1. TSP (J. Homan)
2. Crab (G. Jacobson)
3. Tyler (A. Frank)

3rd Computer Olympiad

Medals awarded

Awari

1. Lithidion (V. Allis and M. van der Meulen)
2. MyProgram (E. van Riet Paap)

Bridge

1. Bridge Baron (T. Throop and T. Guilfoyle)
2. Pupil
3. Bridge King (J. Leber and G. Scholz)

Chess

1. The ChessMachine WK-version (E. Schroeder)
2. The ChessMachine King (J. de Koning)
3. Chessplayer 2175 (C. Whittington)

Chinese chess

1. Abyss (C. Ye)
1. Surprise (R. Wu)

Both programs were awarded the gold medal.

Draughts

1. Truus (S. Keetman)
2. Dam 1.3 (H. Jetten)
3. McDammen (R. P. G. van Bemmelen)

Go 19×19

1. Goliath (M. Boon)
2. Go Intellect (K-H. Chen)
3. Explorer 90 (M. Müller)

Go 9×9

1. Explorer 90 (M. Müller)
1. Go Intellect (K-H. Chen)
3. Goliath (M. Boon)

Explorer 90 and Go Intellect were awarded the gold medal.

Gomoku

1. Vertex (A. Shaposhnikov and A. Nosovsky)
2. Neuro-GM
3. Stone System (N. Alexandrov, M. Trukhan and A. Grigoriev)

Nine men's morris

1. Bushy 4.0 (R. Gasser)
2. IIF Moris (M. Leineweber)

Othello

1. Prothello (L. Jansen)
2. Mast 91 (R. Kroonenberg)
3. Rev91 (J. Buijs)

Qubic

1. QBig (V. Allis and P. Schoo)
2. 3D3T (A. Grigoriev)

Renju

1. Vertex (A. Shaposhnikov and A. Nosovsky)
2. Neuro-RN
3. Stone System (N. Alexandrov, M. Trukhan and A. Grigoriev)

Scrabble

1. TSP (J. Homan)
2. Tyler (A. Frank)

4th Computer Olympiad

The **AST 4th Computer Olympiad** took place in London, UK from 5 August 1992 to 11 August 1992.

Medals awarded

Awari

1. Lithidion (M. van der Meulen) (Netherlands)
2. Marvin (T. Lincke) (Switzerland)
3. Juju (United Kingdom)

Backgammon

1. Bax (K.-U. Koschnik) (Germany)
2. Maestro 1.0 (J. Boyan) (United States)
3. Video Gammon (R. Hoogerhyde) (United States)

Bridge

1. Bridge King (J. Leber and G. Scholz) (Germany)
2. Bridge Baron (T. Throop and T. Guilfoyle) (United Kingdom)
3. Alpha Bridge (A. Lopatin) (Russia)

Chess

1. HIARCS 6.72 (M. Uniacke) (United Kingdom)
1. The King (J. de Koning) (Netherlands)
1. Genesis (E. Riet Paap) (Netherlands)

All three programs were awarded the gold medal.

Chinese chess

1. Surprise (R. Wu) (Switzerland)
2. Elephant (S.-H. Hsu) (Taiwan)

Draughts

1. Tn 83 (A. R. D. van Bergen) (Netherlands)
2. Dynamo (A. Millet) (United Kingdom)

Gin rummy

1. Rummymate (Russia)
2. Ginny (Russia)

Go 19×19

1. Go Intellect (K-H. Chen) (United States)
2. Go 4.3 (M. Reiss) (United Kingdom)
3. Archmage (S.-C. Hsu and J.-C. Yan) (Taiwan)
3. Neuron (Russia)

Both Archmage and Neuron were awarded the bronze medal.

Go 9×9

1. Go 4.3 (M. Reiss) (United Kingdom)
2. Go Intellect (K-H. Chen) (United States)
3. Dragon (D.-Y. Lin) (Taiwan)

Gomoku

1. Victoria (V. Allis and L. Schoenmaker) (Netherlands)
2. Polygon (J. Uiterwijk) (Netherlands)
2. Neuron (Russia)

Both Polygon and Neuron were awarded the silver medal.

Othello

1. Othel du Nord (J.-C. Delbarre) (France)
2. Aida (J. Gnodde) (Netherlands)
3. JacP'Oth (P. Gailhac) (France)

Renju

1. Neuron (Russia)
2. Zero Club (Latvia)
3. Xokk (Finland)

Scrabble

1. Quetzal (T. Guilfoyle and R. Hooker) (United Kingdom)
2. Tyler (A. Frank) (United States)
3. Trouble (Netherlands)

5th Computer Olympiad

The **5th Computer Olympiad** took place at Alexandra Palace, the West Hall in London, UK from 21 August 2000 to 25 August 2000. After an eight-year hiatus, it was revived by bringing it into the Mind Sports Olympiad. The computer programs competed against each other at a variety of games, including Amazons, awari, chess, Go, Hex, Lines of Action, and shogi.

The chess competition of the Computer Olympiad was a special event, since it was adopted by the ICCA as the 17th World Microcomputer Chess Championship (WMCC 2000).

Medals awarded

Amazons (6 participants)

1. 8QP (J. de Koning) (Netherlands)
2. Yamazon (H. Yamashita) (Japan)
3. Anky (P. Hensgens) (Netherlands)

Awari (2 participants)

1. Marvin (T. Lincke) (Switzerland)
2. Softwari (R. van der Goot) (Canada)

Chess (14 participants)

1. Shredder (S. Meyer-Kahlen) (Germany)

2. Fritz (F. Morsch) (Netherlands)
3. Rebel (E. Schroeder) (Netherlands)
3. Chess Tiger (C. Theron) (France)

Go 19×19 (6 participants)

1. GoeMate (Z. Chen) (China)
2. Go4++ (M. Reiss) (United Kingdom)
3. Aya (H. Yamashita) (Japan)

Hex (3 participants)

1. Hexy (V. Anshelevich) (United States)
2. Queenbee (J. v. Ryswyck) (Canada)
3. Killerbee (E. Brasa) (Italy)

Lines of Action (3 participants)

1. YL (Y. Björnsson) (Canada)
2. Mona (D. Billings) (Canada)
3. MIA (M. Winands) (Netherlands)

Shogi (3 participants)

1. YSS (H. Yamashita) (Japan)
2. Shotest 4.1 (J. Rollason) (United Kingdom)
3. Tacos (H. Tsuyoshi) (Japan)

6th Computer Olympiad

The **CMG 6th Computer Olympiad** took place at Ad Fundum of the Maastricht University in Maastricht, Netherlands from 18 August 2001 to 23 August 2001. As with each year's Computer Olympiad, computer programs competed against each other at a variety of games, including Amazons, chess, Chinese chess, GIPF, Lines of Action, and shogi.

The chess competition of the Computer Olympiad was a special event, since it was adopted by the ICCA as the 18th World Microcomputer Chess Championship (WMCC 2001).

Medals awarded

Amazons (4 participants)

1. 8QP (J. de Koning) (Netherlands)
2. Aska (Iida lab) (Japan)
3. Invader (Avetisyan) (United States)

Chess (18 participants)

1. Junior (A. Ban) (Israel)
2. Quest (F. Morsch) (Netherlands)
3. Shredder (S. Meyer-Kahlen) (Germany)

Chinese chess (3 participants)

1. ELP (J-C. Chen) (Taiwan)
2. SG8.2 (Cheng) (Taiwan)
3. Abyss'99 (T. Marsland) (Canada)

GIPF (2 participants)

1. GF1 (K. van den Branden) (Belgium)
2. Gipfted (D. Wentink) (Netherlands)

Lines of Action (3 participants)

1. YL (Y. Björnsson) (Canada)
2. MIA II (M. Winands) (Netherlands)
3. Apprentice (D. Beal) (United Kingdom)

Shogi (3 participants)

1. Shotest 5.6 (J. Rollason) (United Kingdom)
2. Spear (R. Grimbergen) (Netherlands/Japan)
3. Tacos (H. Iida) (Japan)

7th Computer Olympiad

The **7th Computer Olympiad** was held in Maastricht, Netherlands in 2002, from 5 July until 11 July. There were 68 participants from over 13 countries.

The chess event played here was adopted by the ICCA as the 10th World Computer Chess Championship.

Medals awarded

Amazons (6 participants)

1. Amazong (J. Lieberum) (Germany)
2. 8QP (J. de Koning) (Netherlands)
3. Invader (Avetisyan) (United States)

Backgammon (2 participants)

1. BGBlitz (F. Berger) (Germany)
2. Gnubg (A. Müller) (Germany)

Bridge (2 participants)

1. Wbridge5 (Costel) (France)
2. Jack (H. Kuijff) (Netherlands)

Chess (18 participants)

1. Junior (A. Ban) (Israel)
2. Shredder (S. Meyer-Kahlen) (Germany)
3. Brutus (A. Kure) (Germany)

Chinese chess (4 participants)

1. ELP (J-C. Chen) (Taiwan)
2. Shiga 8.1 (S-J. Yen) (Taiwan)
3. Xie Xie (Pascal Tang, Eugenio Castillo) (France)

Dots and Boxes (2 participants)

1. Control Freak (W. Fraser) (United States)
2. Seicho (H. Iida) (Japan)

Draughts (9 participants)

1. Dam 2.2 (H. Jetten) (Netherlands)
2. DIOS (C. Jurriens) (Netherlands)
3. Damage (B. Tuyt) (Netherlands)

Go 19×19 (5 participants)

1. Go4++ (M. Reiss) (United Kingdom)
2. Go Intellect (K-H. Chen) (United States)
3. GNU Go (I. Wallin) (Sweden)

Go 9×9 (4 participants)

1. Go4++ (M. Reiss) (United Kingdom)
2. GNU Go (I. Wallin) (Sweden)
3. Go Intellect (K-H. Chen) (United States)

Lines of Action (4 participants)

1. YL (Y. Björnsson) (Canada)
2. MIA III (M. Winands) (Netherlands)
3. (T-T) (H. Iida) (Japan)

Shogi (5 participants)

1. ISshogi (Y. Tanase) (Canada)
2. Kanazawa under Reiki (S. Todoroki) (Japan)
3. Shotest 5.6 (J. Rollason) (United Kingdom)

8th Computer Olympiad

The **8th Computer Olympiad** was held November 23–27 November 2003, in Graz, Austria.

The Computer Olympiad was held in conjunction with the International Computer Games Association 11th World Computer Chess Championship 2003 and the 10th Advances in Computer Games Conference. Because of this, no medals were awarded for the two chess events.

Medals awarded

Abalone (2 participants)

1. AbaPro (T. Werner) (Austria)
2. Nacre (P. Sommerlund) (Denmark)

Amazons (5 participants)

1. Amazong (J. Lieberum) (Germany)
2. Invader (<http://www.csun.edu/~lorentz/amazon.htm>) (Avetisyan) (United States)
3. 8QP (J. de Koning) (neurons)

Backgammon (2 participants)

1. BGBlitz (<http://www.bgblitz.com>) (F. Berger) (Germany)
2. Gnubg (A. Müller) (Germany)

Chinese chess (5 participants)

1. ZMBL (Z. Tu) (China)
2. Xie Xie (Pascal Tang, Eugenio Castillo) (France)
3. ELP (J-C. Chen) (Taiwan)

Dots and Boxes (3 participants)

1. Control Freak (W. Fraser) (United States)
2. Deep Beige (D. Bochenski) (United Kingdom)
3. Damepo (H. Iida) (Japan)

Draughts (4 participants)

1. Sjende Blyn (J. Wiersma) (Netherlands)
2. Dam 2.2 (H. Jetten) (Netherlands)
3. TD King (T. Tillemans) (Switzerland)

Go 19×19 (11 participants)

1. GNU Go (I. Wallin) (Sweden)
2. GoAhead (P. Woitke) (Germany)
3. Go Intellect (K-H. Chen) (United States)

Go 9×9 (10 participants)

1. Aya (H. Yamashita) (Japan)
2. NeuroGo (M. Enzenberger) (Canada)
3. Go Intellect (K-H. Chen) (United States)

Hex (2 participants)

1. Six (G. Melis) (Hungary)
2. Mongoose (R. Hayward) (Canada)

Lines of Action (3 participants)

1. MIA IV (M. Winands) (Netherlands)
2. BING (B. Helmstetter) (France)
3. (T-T) (J. Nagashima) (Japan)

Poker (2 participants)

1. Vexbot (University of Alberta GAMES group) (Canada)
2. Sparbot (University of Alberta GAMES group) (Canada)

Shogi (3 participants)

1. YSS (H. Yamashita) (Japan)
2. ISshogi (Y. Tanase) (Japan)
3. Tacos (H. Iida) (Japan)

9th Computer Olympiad

The **9th Computer Olympiad** took place in Ramat-Gan, Israel from 3 July 2004 to 12 July 2004. As with each year's Computer Olympiad, computer programs competed against each other at a variety of games, including Amazons, Chinese chess, Go, Lines of Action, Hex and Octi.

The event was held in conjunction with the 12th World Computer Chess Championship and Computers and Games 2004 Conference. Because of this, no medals were awarded for the two chess events.

Jonathan Schaeffer and J. W. H. M. Uiterwijk were the Tournament Directors.

Medals awarded

Amazons (2 participants)

1. 8QP (J. de Koning) (Netherlands)
2. TAS (Y. Higashiuchi) (Japan)

Chinese chess (2 participants)

1. Contemplation (K-C Wu) (Taiwan)
2. ELP (J-C. Chen) (Taiwan)

Go 19×19 (5 participants)

1. Go Intellect (K-H. Chen) (United States)
2. The Many Faces of Go (D. Fotland) (United States)
3. Indigo (B. Bouzy) (France)

Go 9×9 (9 participants)

1. Go Intellect (K-H. Chen) (United States)
2. GnuGo (Free Software Foundation) (international)
3. Magog (E. van der Werf) (Netherlands)

Hex (2 participants)

1. Six (G. Melis) (Hungary)
2. Mongoose (R. Hayward) (Canada)

Lines of Action (4 participants)

1. MIA 4++ (M. Winands) (Netherlands)
2. BING (B. Helmstetter) (France)
3. YL (Y. Björnsson) (Iceland)

Octi 6×7 (2 participants)

1. Testme2 (J. Bacher) (Canada)
2. Casbah (C. Sutton) (United States)

10th Computer Olympiad

The **10th Computer Olympiad** took place in Taipei, Taiwan from 3 September 2005 to 6 September 2005. As with each year's Computer Olympiad, computer programs competed against each other at a variety of games, including Amazons, Chinese chess, Clobber, Dots and Boxes, Computational Pool (billiards), Go, and Shogi.

The 11th Advances in Computer Games conference was also held at the same location and time as the Olympiad.

The organizing committee for the 10th edition was: H. H. L. M. Donkers, M. Greenspan, J. W. Hellemons (chair), T-s Hsu, H. J. van den Herik, and M. Tiessen.

Medals awarded

Amazons (3 participants)

1. 8QP (J. de Koning) (Netherlands)
2. Invader (<http://www.csun.edu/~lorentz/amazon.htm>) (Avetisyan) (United States)
3. TAS (Y. Higashiuchi) (Japan)

Chinese chess (14 participants)

1. XQMASTER (Z. Mingyang) (China)
2. SHIGA (S.-J. Yen) (Taiwan)
3. NEUCHESS (W. Jiao) (China)

Clobber (2 participants)

1. MILA (M. Winands) (Netherlands)
2. ClobberA (J. Willemson) (Estonia)

Dots and Boxes (3 participants)

1. Deep Beige (D. Bochenski) (United Kingdom)
2. Beige Watch (R. Weston) (United Kingdom)
3. ALSOB (P. Bailey) (United Kingdom)

Go 19×19 (7 participants)

1. Hand Talk (C. Zhixing) (China)
2. Go Intellect (K-H. Chen) (United States)
3. Aya (H. Yamashita) (Japan)

Go 9×9 (9 participants)

1. Go Intellect (K-H. Chen) (United States)
2. Aya (H. Yamashita) (Japan)
3. Indigo (B. Bouzy) (France)

Pool (4 participants)

1. UofA (M. Smith) (Canada)
2. PoolMaster (J.-F. Landry) (Canada)
3. Elix (M. Godard) (Canada)

Shogi (4 participants)

1. Tacos (H. Iida) (Japan)
2. YSS (H. Yamashita) (Japan)
3. Spear (R. Grimbergen) (Japan)

Notes

Hand Talk, which won the gold medal in Computer Go, was original written in assembly language by a retired chemistry professor of Sun Yat-sen University, China.

11th Computer Olympiad

The **11th Computer Olympiad** was held in Turin, Italy between 25 May and 4 June 2006 in conjunction with the 14th World Computer Chess Championship and the 5th Computer and Games conference (CG 2006). These events were co-hosted with the human FIDE 37th Chess Olympiad.

Medals awarded

Backgammon (2 participants)

1. GNU Backgammon (Müller)
2. BGBlitz (Berger)

Chinese chess (5 participants)

1. NeuChess (W. Jiao) (China)
2. Shiga (S.-J. Yen) (Taiwan)
3. Deep Elephant (WenJang Huang, Aja Huang, Shun Shii Lin) (Taiwan)

Clobber (3 participants)

1. Pan (J. De Koning) (Netherlands)
2. Mila (M. Winands) (Netherlands)
3. ClobberB (J. Willemson) (Estonia)

Connect6 (3 participants)

1. NCTU6 (Wu and Chang)
2. X6 (Liou and Yen)
3. EVG (Huang and Hsu)

International draughts (4 participants)

1. TDKing (Tillemans) (Netherlands)
2. SJENDE BLYN (Wiersma) (Netherlands)
3. Dam 2.2 (Jetten) (Netherlands)

Go 19×19 (6 participants)

1. GNU Go (Free Software Foundation)
2. Go Intellect (K-H. Chen) (United States)
3. Indigo (B. Bouzy) (France)

Go 9×9 (11 participants)

1. Crazy Stone (R. Coulom) (France)
2. Aya (H. Yamashita) (Japan)
3. Go Intellect (K-H. Chen) (United States)

Hex (3 participants)

1. Six (Melis)
2. Wolve (Hayward)
3. Hex Krieger (Rasmussen)

Kriegspiel (2 participants)

1. Darkboard (Favini and Ciancarini)

2. K bott (Parker)

Lines of Action (2 participants)

1. MIA (Winands)
2. YL (Björnsson)

Pool (5 participants)

1. PickPocket (Mike Smith) (Canada)
2. SkyNet (Will Leckie) (Canada)
3. Elix (Marc Godard) (Canada)

Shogi (3 participants)

1. YSS (H. Yamashita) (Japan)
2. Bonanza (Hoki) (Japan)
3. Tacos (H. Iida) (Japan)

12th Computer Olympiad

The **12th Computer Olympiad** was held in Amsterdam, Netherlands in conjunction with the 15th World Computer Chess Championship and Computer Games Workshop 2007 (CGW2007).

IBM, SARA Computing and Networking Services, and NCF (Foundation of National Computing Facilities) enabled the organization of the Computer Games Workshop 2007 (CGW2007) (15–17 June 2007), the 15th World Computer-Chess Championship (WCCC) (11–18 June) and the 12th Computer Olympiad (CO) (11–18 June), all held in Amsterdam, The Netherlands: CGW2007 at the Turing hall - ZO11, WCCC at Eulerzaal – ZO09, and the Computer Olympiad at Newtonzaal – ZO10, Science Park Amsterdam, Kruislaan 413, 1098 SJ Amsterdam.

Medals awarded

Amazons (2 participants)

1. 8 Queens Problem (Johann de Koning) (Netherlands)
2. Campya (Julien Kloetzer) (France)

Backgammon (3 participants)

1. Bgblitz (Frank Berger) (Germany)
2. GNU Backgammon (<https://www.gnu.org/software/gnubg/>)
3. MCGammon (Guillaume Chaslot, François van Lieshout) (Belgium)

Chess (12 participants)

1. Rybka (Vasik Rajlich) (United States)
2. Zappa (Anthony Cozie, Erdogan Günes) (Turkey)
3. Loop (Fritz Reul) (Germany)
4. GridChess (Kai Himstedt, Ulf Lorenz, et al.) (Germany)
4. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (Germany)

Rybka was retroactively disqualified from ICC events due to findings of plagiarism. Therefore, Zappa and Loop were moved up, and GridChess and Shredder jointly awarded third place.

Chinese chess (5 participants)

1. NeuChess (Jiao Wang) (China)
2. Shiga (Ming-Cheng Cheng, Shi-Jim Yen) (Taiwan)
3. XieXie (Pascal Tang, Eugenio Castillo, Jih Tung Pai) (France)

Connect6 (4 participants)

1. X6 (John Moon-Liou, Shi-Jim Yen) (Taiwan)
2. MeinStein (Theo van der Storm) (Netherlands)
3. Kavalan (Shi-Jim Yen) (Taiwan)

International draughts (7 participants)

1. Dam 2.2 (Harm Jetten) (NL)
2. TDKing (Ton Tillemans) (Switzerland)
3. Sjende Blyn (Jelle Wiersma) (Netherlands)

Go 19×19 (8 participants)

1. MoGo (<https://web.archive.org/web/20061128074317/http://www.lri.fr/~gelly/MoGo.htm>) (Sylvain Gelly, Yizao Wang) (France)
2. Crazy Stone (Rémi Coulom) (France)
3. GNU Go

Go 9×9 (10 participants)

1. Steenvreter (Erik van der Werf) (Netherlands)
2. MoGo (<https://web.archive.org/web/20061128074317/http://www.lri.fr/~gelly/MoGo.htm>) (Sylvain Gelly) (France)
3. Crazy Stone (Rémi Coulom) (France)

Shogi (3 participants)

1. Tacos (Jun Nagashima, Hiroyuki Iida, Hashimoto Tsuyoshi) (Japan)
2. Reiki (Satoshi Todoroki) (Japan)
3. HIT+SS (Shohei Seike, Takeshi Ito, Ryosuke Ohguchi) (Japan)

Phantom Go (2 participants)

1. GoLois (Tristan Cazenave) (France)
2. InTheDark (Joris Bosboom) (Netherlands)

Surakarta (2 participants)

1. SIA (Mark Winands) (Netherlands)
2. Incognito (Irmin Auwerda) (Netherlands)

13th Computer Olympiad

The 13th International Computer Games Championship, 16th World Computer Chess Championship and a scientific conference on computer games was held in Beijing, China from 28 September to 5 October 2008. The location was Beijing Golden Century Golf Club, Qinglonghu Township, Fangshan District, Beijing.

Results

Amazons (4 participants)

1. Invader (Henry Avetisyan, Richard Lorentz) (United States)
2. 8 Queens Problem (Johan de Koning) (Netherlands)
3. Campya (Julien Kloetzer) (France)

Chess (10 participants)

1. Rybka (Vasik Rajlich, Jeroen Nooman) (United States)
2. HIARCS (Mark Uniacke, Eric Hallsworth) (United Kingdom)
3. Junior (Amir Ban, Shay Bushinsky) (Israel)
4. Cluster Toga (Thomas Gaksch, Fabien Letouzy et al.) (Germany)

Rybka was retroactively disqualified from all WCCC events in 2011 due to [findings of plagiarism](#). Thus, Cluster Toga was awarded a bronze medal, and the other two winners were upgraded.

Speed chess (10 participants)

1. Sjeng (Gian-Carlo Pascutto) (Belgium)
2. Rybka (Vasik Rajlich, Jeroen Nooman) (United States)
3. HIARCS (Mark Uniacke, Eric Hallsworth) (United Kingdom)
4. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (Germany)

Rybka was retroactively disqualified from all WCCC events in 2011 due to [findings of plagiarism](#).

Chinese chess (18 participants)

1. Intella (Chaoying Chen, Yutao Wei) (China)
2. Cyclone (Min Zhang) (China)
3. EThinker (Zheng Xu) (China)

Connect6 (10 participants)

1. NCTU6-Lite (Ping-Hung Lin, Hong-Xuan Lin, Yi-Chih Chan, Ching-Ping Chen, I-Chen Wu) (Taiwan)
2. Bitstronger (Li Liang, Cui Hao, Wang Ruijian, Lin Siran) (China)
3. NEUConn6 (Chang-Ming Xu) (China)

Dots and Boxes (3 participants)

1. The Shark (William Fraser) (United States)
2. Qiyi (Lian Lian) (China)
3. Matadots (Phillip Rogers, Richard Lorentz) (United States)

International draughts (2 participants)

1. TDKing (Ton Tillemans) (Switzerland)
2. Rocky (Mark Winands) (Netherlands)

Go (13 participants)

1. The Many Faces of Go (David Fotland) (United States)

2. MoGo (Sylvain Gelly, Yizao Wang) (France)
3. Leela (Gian-Carlo Pascutto) (Belgium)

Go (9×9) (18 participants)

1. The Many Faces of Go (David Fotland) (United States)
2. Leela (Gian-Carlo Pascutto) (Belgium)
3. MoGo (Oliver Teytaud, Sylvain Gelly, Yizao Wang) (France)

Hex (4 participants)

1. Wolve (Broderick Arneson) (Canada)
2. MoHex (Philip Henderson) (Canada)
3. Six (Gábor Melis) (Hungary)

Computational pool (4 participants)

1. CueCard (David Cohen, Chris Archibald, Alon Altman) (United States)
2. PickPocket (Mike Smith) (Canada)
3. Elix (Marc Godard) (Canada)

Shogi (3 participants)

1. Tacos (Hashimoto Tsuyoshi, Masafumi Taketoshi, Jun Nagashima, Junichi Hashimoto, Tokishi Matsui, Hiroyuki Iida) (Japan)
2. BitStronger (Li Xiao, Ma Junlong, Xu Changda, Tong Songling) (China)
3. HIT+SS (Shohei Seike, Takeshi Ito, Ryosuke Ohguchi) (Capitan)

Phantom Go (3 participants)

1. GoLois (Tristan Cazenave, Nicolas Jouandeau) (France)
2. Chinese Deep (Cui Hao) (China)
3. BitStronger (Li Liang, Cui Hao, Wang Ruijian, Lin Siran) (China)

Surakarta (2 participants)

1. SIA (Mark Winands) (Netherlands)
2. BitStronger (Qiao Zhi, Sun Zhen, Tao Hongru) (China)

14th Computer Olympiad

The **14th Computer Olympiad**, 17th World Computer Chess Championship and a scientific conference on computer games was held in Pamplona, Spain, 10–18 May 2009.

World Computer Chess Championship

Chess (10 participants)

1. Rybka (Vasik Rajlich) (United States)
2. Deep Sjeng (Gian-Carlo Pascutto, Kurt van den Branden, François van Lieshout) (Belgium)
2. Junior (Amir Ban, Shay Bushinski, Alon Greenfield) (IS)
2. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (DE)

Rybka was retroactively disqualified from ICC events due to findings of plagiarism. Therefore, the Championship title was awarded jointly to Deep Sjeng, Shredder, and Junior.

Chess (Blitz) (9 participants)

1. Rybka (Vasik Rajlich) (United States)
2. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (Germany)

Likewise, the Blitz Championship title was awarded to Shredder.

Medals awarded (Computer Olympiad)

Amazons (4 participants)

1. Invader (Richard Lorentz, Dan Dennison, Archie Huerto, Monica Reiss, Akop Karapetyan, Henry Avetisyan) (United States)
2. 8 Queens Problem (Johan de Koning) (Netherlands)
3. Campya (Julien Kloetzer) (France)

Chess (no hardware limits) (6 participants)

1. Rybka (Vasik Rajlich) (United States)
2. Shredder (Stefan Meyer-Kahlen) (Germany)
3. Deep Sjeng (Gian-Carlo Pascutto) (Belgium)
4. Pandix (Gyula Horváth) (Hungary)

Chinese Chess (5 participants)

1. TMSK (Bing-Jie Shen, Ruei-Ping Li, Tsan-Sheng Hsu) (Taiwan)
2. HaQiKi D (Harm Geert Muller) (Netherlands)
3. Chimo (Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu) (Taiwan)

Connect6 (6 participants)

1. Bit (Li Liang, Cui Hao, Wang Ruijian, Lin Siran) (China)
2. MeinStein (Theo van der Storm) (Netherlands)
3. Bit2 (Zhifeng Tang, Zhenghan Li, Haiying Liu, Jie BingChang-Ming Xu) (China)

Draughts (3 participants)

1. TDKing (Ton Tillemans) (Switzerland)
2. Tornado (Frank Mesander) (Netherlands)
3. Rocky (Mark Winands) (Netherlands)

Go (6 participants)

1. Zen (Yamato) (Japan)
2. Fuego (Markus Enzenberger, Martin Müller, Broderick Arneson, Richard Segal, Gerald Tesauero) (Canada)
3. MoGo (Sylvain Gelly, Yizao Wang, Olivier Teytaud, Jean-Baptiste Hoock, Guillaume Chaslot, Arpad Rimmel) (France)

Go (9×9) (9 participants)

1. Fuego (Markus Enzenberger, Martin Müller, Broderick Arneson, Richard Segal, Gerald Tesauero) (Canada)
2. MoGo (Sylvain Gelly, Yizao Wang, Olivier Teytaud, Jean-Baptiste Hoock, Guillaume Chaslot, Arpad Rimmel) (France)
3. Yogo (Ping Yu, Fan Xie) (China)

Hex (4 participants)

1. MoHex (Philip Henderson, Broderick Arneson, Ryan Hayward) (Canada)
2. Wolve (Ryan Hayward, Broderick Arneson, Philip Henderson, Michael Johanson, Morgan Kan, Martin Müller, Geoff Ryan) (Canada)
3. Six (Gábor Melis) (Hungary)

Lines of Action (2 participants)

1. Mia 4.51 (Mark Winands) (Netherlands)
2. Bit (Peixing Zhan) (China)

Shogi (2 participants)

1. Tacos (Hashimoto Tsuyoshi, Masafumi Taketoshi, Jun Nagashima, Junichi Hashimoto, Tokishi Matsui, Hiroyuki Iida) (Japan)
2. BitStronger (Changda Xu, Li Xiao, Ma Junlong, Tong SonglingPeixing Zhan) (China)

Havannah (2 participants)

1. Wanderer (Richard Lorentz, Roberto Nahue) (United States)
2. Shakti (Fabien Teytaud, Olivier Teytaud) (France)

KriegSpiel (3 participants)

1. Darkboard (Giampiero Favini, Paolo Ciancarini) (Italy)
2. KriegExpert (Levi Self) (Namibia)
3. Bit (China)

Phantom Go (2 participants)

1. GoLois (Tristan Cazenave, Nicolas Jouandeau) (France)
2. Bit (Li Liang, Cui Hao, Wang Ruijian, Lin Siran) (China)

15th Computer Olympiad

The **15th Computer Olympiad**, 18th World Computer Chess Championship and a scientific conference on computer games was held in Kanazawa, Japan, 24 September to 2 October 2010.

World Computer Chess Championship

Chess (10 participants)

1. Rybka (Vasik Rajlich) (United States)
2. Rondo (Anthony Cozzie, Zach Wegner) (United States)
2. Thinker (Kerwin Medina) (United States)
4. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (Germany)

Rybka was retroactively disqualified from ICC events due to findings of plagiarism. Therefore, the Championship title was awarded jointly to Rondo and Thinker. Shredder was given third place.

Chess (Software) (9 participants)

1. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (Germany)
2. Rondo (Anthony Cozzie, Zach Wegner) (United States)
3. Thinker (Kerwin Medina) (United States)

Chess (Blitz)

1. Rybka (Vasik Rajlich) (United States)
2. Jonny (Johannes Zwanzger, Mark Roberts) (Germany)
2. Shredder (Stefan Meyer-Kahlen, Sandro Necchi) (Germany)

Likewise, Jonny and Shredder were awarded the blitz championship after Rybka's disqualification.

Medals awarded (Computer Olympiad)

Amazons (7 participants)

- (winners unknown)

Chinese chess (5 participants)

1. Shiga (Ming-Cheng Cheng, Shi-Jim Yen) (Taiwan)
2. TMSK (Bing-Jie Shen, Ruei-Ping Li, Tsan-Sheng Hsu) (Taiwan)
3. Chimo (Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu) (Taiwan)

Chinese dark chess (6 participants)

- (winners unknown)

Clobber (1 participant)

1. Pan.exe (Johan de Koning) (Netherlands)

Pan.exe won by default, as there were no other entrants.

Connect6 (8 participants)

- (winners unknown)

Dots and Boxes (2 participants)

1. The Shark (William Fraser) (United States)
2. BITPanda (Xiong Yanchao, Zhang Yuting) (Switzerland)

Draughts (2 participants)

1. TDKing (Ton Tillemans) (Switzerland)
2. Rocky (Mark Winands) (Netherlands)

Go (8 participants)

1. Erica (Shih-Chieh Huang, Rémi Coulom) (Taiwan)
2. Zen (Yamato) (Japan)
3. Many Faces of Go (David Fotland) (United States)

Go (13x13) (10 participants)

1. Many Faces of Go (David Fotland) (United States)
2. Fuego (Markus Enzenberger, Martin Müller, Broderick Arneson, Richard Segal, Gerald Tesauero, Arpad Rimmel) (Canada)
3. MoGo (Sylvain Gelly, Yizao Wang, Olivier Teytaud, Jean-Baptiste Hoock, Guillaume Chaslot, Arpad Rimmel) (France)

Go (9×9) (14 participants)

1. MyGoFriend (Frank Karger) (United Kingdom)
2. Fuego (Markus Enzenberger, Martin Müller, Broderick Arneson, Richard Segal, Gerald Tesauero) (Canada)
3. Erica (Shih-Chieh Huang, Rémi Coulom) (Taiwan)

Hex (5 participants)

- (winners unknown)

Shogi (9 participants)

1. Gekisashi (Takashi Maruyama, Takumi Ouchi, Ryuji Takase, Yoshimasa Tsuruoka, Daisaku Yokoyama) (Japan)
2. Shueso (Akira Takeuchi) (Japan)
3. GPS Shogi (Tetsuro Tanaka) (Japan)

Minishogi (9 participants)

1. Clair 1/128 (Takuya Obata) (Japan)
2. Shokidoki 0.8 (Harm Geert Muller) (Netherlands)
3. 55TACOS (Tsuyoshi Hashimoto) (Japan)

Havannah (5 participants)

- (winners unknown)

Light Up (2 participants)

2. Cpuzzler (Shi-Yuan Chiu) (Taiwan)
3. PCCU (Shi-Jim Yen) (Taiwan)

Cpuzzler was awarded the silver medal.

Nonograms (2 participants)

1. Cpuzzler (Shi-Yuan Chiu) (Taiwan)
3. Enigma (Jr-Chang Chen, Chou Cheng-Wei) (Taiwan)

Cpuzzler was awarded the bronze medal.

Nurikabe (3 participants) Cpuzzler (Shi-Yuan Chiu) (Taiwan), Enigma (Jr-Chang Chen, Chou Cheng-Wei) (Taiwan), happyNuri (Derjhong Sun, I-Chen Wu) (Taiwan)

- (winners unknown)

Phantom Go (3 participants) GoLois (Tristan Cazenave, Nicolas Jouandeau) (FRA), Moccos (Takuma Toyoda) (Japan), IcySoftwoodWine (Yuji Abe) (Japan)

- (scores unknown)

Quoridor (4 participants)

- (winners unknown)

Surakarta (3 participants)

1. SIA (Mark Winands) (Netherlands)
2. Qiyi (Jiajia Guo, Xiaomeng Yang, Liang Yunzhao, Jianbo Zhao) (China)
3. BITPanda (Xiong Yanchao, Zhang Yuting) (China)

16th Computer Olympiad

The 16th International Computer Games Championship, 19th World Computer Chess Championship and a scientific conference on computer games was held in Tilburg. The events took place from 18 November to 26 November 2011. The venue was the Tilburg University.

Planned competitions

Amazons (4)

Backgammon (3)

Chess (World Computer Chess Championship) (9 Unrestricted, 5 Software, and Blitz divisions)

Clobber (2)

Chinese chess (3)

Chinese dark chess (4)

Connect6 (6)

Dots and Boxes (2)

Draughts (6)

EinStein würfelt nicht! (6)

Go 19×19 (8)

Go 9×9 (7)

Go 13×13 (6)

NoGo (4)

Phantom Go (2)

Havannah (3)

Hex (3)

Shogi (3)

Surakarta (2)

17th Computer Olympiad

The 17th International Computer Games Championship, 20th World Computer Chess Championship and a scientific conference on computer games was held in Yokohama, Japan from 12 August to 18 August 2013. The venue was the Collaboration Complex at Keio University Hiyoshi Campus.

Competitions and medals awarded

- Amazons
- Chess (World Computer Chess Championship)
- Chinese Chess
- Chinese Dark Chess
 1. DarkKnight
 2. Yahari
 3. Observer
- Chu Shogi
 1. HaChu
 2. Deep Nikita
- Clobber (10×10)
 1. Pan
 2. McClobber
 3. Deep Nikita
- Connect 6
- Dots and Boxes
 1. BITDB
 2. Railgun
- EinStein würfelt nicht!
 1. Prophet_WT
 2. VS_WTN
 3. Cloud
- Draughts
- Go (19×19, 13×13, and 9×9)
- Hex
- Mahjong
 1. ThousandWind
 2. Majo
 3. Longcat
 4. Grandslam
- Lines of Action
 1. MC-LOA
 2. Deep Nikita
- NoGo
- Nonograms
- Phantom Go
- Shogi
- Shogi (5×5)
 1. Shokidoki
 2. 1/128 Rigan
 3. Mattari Yuuchan
- Surakarta
 1. SIA
 2. BITSKT
 3. Deep Nikita

18th Computer Olympiad

The 18th International Computer Games Championship was held in Leiden, Amsterdam from 29 June to 6 July 2015. Organised by the International Computer Games Association (ICGA), the Leiden Institute of Advanced Computer Science (LIACS) and the Leiden Centre of Data Science (LCDS). The venue was Leiden University.^[1]

Competitions and medals awarded

The following are the competitions in the 18th Computer Olympiad.^{[2][3]}

- 2048
 1. 2048-khyeh
 2. 2048-ghung
 3. 20486

- [Amazons](#)
- [Chess \(World Computer Chess Championship\)](#)
- [Chinese Chess](#)
 - 1. Shiga
 - 2. Chimo
 - 3. Shark
- [Chinese Dark Chess](#)
- [Chu Shogi](#)
- [Clobber \(10x10\)](#)
 - 1. 8QP
 - 2. Deep Nikita
- [Connect 6](#)
- [Diplomacy](#)
 - 1. D-Brane (Dave de Jonghe)
 - 2. DipBlue (Henrique Lopez Cardoso)
 - 3. Super Bot (Martin Borgt)
- [Dots and Boxes](#)
- [EinStein würfelt nicht!](#)
 - 1. Hanfried
 - 2. Deep Nikita
 - 3. Chinese Program
- [Draughts^{\[4\]}](#)
 - 1. Scan (Fabien Letouzey)
 - 2. Damage (Bert Tuyt)
 - 3. JDraughts (Ron van Bemmelen)
- [Go 19x19^{\[3\]}](#)
 - 1. [Zen](#)
 - 2. Abakus
 - 3. Nomitan
- [Go 13x13^{\[3\]}](#)
 - 1. Zen
 - 2. Nomitan
 - 3. Abakus
- [Go 9x9^{\[3\]}](#)
 - 1. Zen
 - 2. Abakus
 - 3. CGI
- [Hex](#)
- [Mahjong](#)
 - 1. VeryLongCat
 - 2. ThousandWind
 - 3. Take
- [Lines of Action](#)
 - 1. SIA
 - 2. Deep Nikita
- [NoGo](#)
- [Nonogram](#)
- [Othello](#)
 - 1. Limsup
 - 2. Mothello
 - 3. Maverick
- [Phantom Go](#)
- [Shogi](#)
- [Shogi \(5x5\)](#)
- [Surakarta](#)

19th Computer Olympiad

The 19th International Computer Games Championship, a scientific conference on computer games was held in Leiden, Amsterdam from 27 June to 3 July 2016. Organised by the International Computer Games Association (ICGA), the Leiden Institute of Advanced Computer Science (LIACS) and the Leiden Centre of Data Science (LCDS). The venue was [Leiden University](#)

20th Computer Olympiad

The 20th International Computer Games Championship, a scientific conference on computer games was held in [Leiden](#), Amsterdam from 1 July to 7 July 2017. Organised by the International Computer Games Association (ICGA), the Leiden Institute of Advanced Computer Science (LIACS) and the Leiden Centre of Data Science (LCDS). The venue was [Leiden University](#)

21st Computer Olympiad

The Computer Olympiad took place from 7 to 13 July 2018 and the 10th International Conference on Computers and Games (CG2018) from 9 to 11 July in [Taipei](#), Taiwan.^[5] The World Computer Chess Championships 2018 took place from 13 to 19 July in [Stockholm](#), Sweden.^[6]

22nd Computer Olympiad

The Computer Olympiad took place from 11 to 17 August 2019 in [Macau SAR](#), [China](#).

Competitions and medals awarded

The following are the competitions in the 22nd Computer Olympiad.^[7]

- [Amazons](#)
 1. SherlockGo – Liang Tailin (Univ of Science and Technology Beijing)
 2. BIT_Amazons – Chai Zenghao (Beijing Institute of Technology)
 3. Queen – Tristan Cazenave (LAMSADE, Université Paris-Dauphine, PSL)
- [Block Go](#)
 1. NDHU-Polygames – Hsin-I Lin (National Dong Hwa University)
 2. miny_blockgo – Yi-Ling Chen (National Dong Hwa University)
- [Breakthrough](#)
 1. Deep Nikita – Andrew Lin (Washington Technology University)
 2. TakeABreak – Tristan Cazenave (LAMSADE, Université Paris-Dauphine, PSL)
 3. BT – Yen-Chi Chen (National Taiwan Normal University)
- [Chinese checkers](#)
 1. Jump – Jiunn-Haur Chern (National Taiwan Normal University)
 2. NDHU-Polygames – Hsin-I Lin (National Taiwan Normal University)
 3. Negentropy – Lu-Nung Chen (National Taiwan Normal University)
- [Chinese Chess](#)
 1. BugCChess – Liu Zong Yuan
 2. SHIGA – Shi-Jim Yen (National Dong Hwa University)
 3. Xiexie – Pascal Tang
- [Chinese Dark Chess](#)
 1. Yahari – Hsuan-Yu Wang (National Taipei University and Academia Sinica)
 2. PupilDarkChess – Hsin-I Lin (National Taipei University and Academia Sinica)
 3. Yanyu 2.0 – Hsuan-Yu Wang (National Taipei University and Academia Sinica)
- [Connect 6](#)
 1. BIT_Connect6 – Chai Zenghao (Beijing Institute of Technology)
 2. Kavalan – Jung-Kuei Yang (Lan Yang Institute of Technology)
 3. Zeta – Chen Zhang (DSGROUP)
- [Dice-shogi](#)
 1. Nyanpass – Hsuan-Yu Wang (National Taipei University)
 2. Deep Nikita – Andrew Lin (Washington Technology University)
 3. NDHU-Polygames – Hsin-I Lin (National Taiwan Normal University)
- [Draughts](#)
 1. BIT_Draught – Han Youfang (Beijing Institute of Technology)
 2. miny_draught – Yi-Ling Chen (National Dong Hwa University)
- [Einstein Würfelt Nicht](#)
 1. EWIN – Roger Chu (National Chiao Tung University)
 2. VSWTN – Zhang Yun Peng (University of Science and Technology Beijing)
 3. BIT_Einstein – Hon Jiacheng (Beijing Institute of Technology)
- [Fighting Landlord](#)
 1. I'm a Famer – Wu Yu (Chongqing Three Gorges University)
 2. Knight-Landlord – Wang Tang (Chongqing University of Technology)
 3. JAIST_landlord – Xiao Yuhao (JAIST)
- [Go 9×9](#)
 1. CGI Go Intelligence – Ting-han Wei (National Chiao Tung University)
 2. EzGo – Lin, Ting Yu (Chang Yuan Christian University)
- [Hex 11×11](#)
 1. BIT_Hex11 – Zhu Jie (Beijing Institute of Technology)
 2. Calainosaur – Fabien Teytaud (Université du Littoral Côte d'Opale, LISIC)

- Hex 13×13
 1. DeepEZO – Masahito Yamamoto (Hokaido University)
 2. BIT_Hex13 – Zhu Jie (Beijing Institute of Technology)
 3. Calainosaur – Fabien Teytaud (Université du Littoral Côte d'Opale, LISIC)
- Kyoto Shogi
 1. Deep Nikita – Andrew Lin (Washington Technology University)
 2. CrazyWa – Harm Geert Muller
- Mahjong
 1. MahjongJr – Yen-Chi Chen (National Taiwan Normal University)
 2. ZONST Tree – Ren Hang (ZONST Data Group)
 3. SimCat – Shi-Chieh Tang (National Chiao Tung University)
- Shogi (5×5)
 1. Nyanpass – Hsuan-Yu Wang (National Taipei University)
 2. Shokidoki – Harm Geert Muller
 3. EVG1.5 – Shun-Chin Hsu (Chang-Jung Christian University)
- NoGo
 1. CZF – Li Cheng Lan (National Chiao Tung University)
 2. Deep Nikita – Andrew Lin (Washington Technology University)
 3. Noeven – Chen Zhang (DSGROUP)
- Nonogram
 1. Requiem – Yen-Chi Chen (National Taiwan Normal University)
 2. The Heir – Yan-Rong Guo (National Taichung Univ of Education)
 3. Uncertainty – Yan-Rong Guo (National Taichung Univ of Education)
- Othello
 1. Othello LTBeL – Yen Shi-Jim (National Dong Hwa University)
 2. Royal – Chang Na-Yuan (National Taiwan Normal University)
 3. Curiosity10 – Wei-Yuan Hsu (National Chiao Tung University)
- Surakarta
 1. Deep Nikita – Andrew Lin (Washington Technology University)
 2. FuChou – Yen-Chi Chen (National Taiwan Normal University)
 3. VSSurakarta – Zhang Pei (Univ of Science and Technology Beijing)

Summary by game

Abalone

Abalone is a strategy game using a hexagonal patterned board with 14 marbles for each of two players. The objective is to push six of the opponent's marbles off the edge of the board.



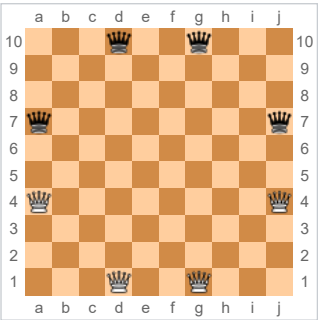
Abalone board and marbles

Events held by Olympiad and year																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
							✓										

Participants and results				
Olympiad	Year	Number of participants	Ranking ^[8]	
			Program	Authors
8	2003	2	1. Aba-Pro 2. Nacre	1. Tino Werner, Austria 2. Peer Sommerlund, Denmark

Amazons

Amazons is played on a 10×10 chessboard by two players each with four amazons (queen chess pieces). Moves are made to block squares and the winner is the last player able to move his pieces to an unblocked square.



The starting position in Amazons

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
				✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	

Participants and results

Olympiad	Year	Number of participants	Ranking ^[9]	
			Program	Authors
5	2000	6	1. 8 Queens Problem 2. Yamazon 3. Anky 4. Antiope 5. Aska 6. Otrere	1. Johan de Koning, Netherlands 2. Hiroshi Yamashita, Japan 3. Patrick Hensgens, Netherlands 4. Theo Tegos, Greece 5. Yoichiro Kajihara, Japan 6. Paul Utgoff, United States
6	2001	4	1. 8 Queens Problem 2. Aska 3. Invader 4. Anky	1. Johan de Koning, Netherlands 2. Yoichiro Kajihara, Japan 3. Richard Lorentz et al., United States ^[10] 4. Patrick Hensgens, Netherlands
7	2002	6	1. Amazong 2. 8 Queens Problem 3. Invader 4. Tanazon 5. Aska 6. Antiope	1. Jens Lieberum, Germany 2. Johan de Koning, Netherlands 3. Richard Lorentz et al., United States ^[10] 4. Yasushi Tanase, Japan 5. Yoichiro Kajihara, Japan 6. Theo Tegos, Greece
8	2003	5	1. Amazong 2. Invader 3. 8 Queens Problem 4. Aska 5. TAS	1. Jens Lieberum, Germany 2. Richard Lorentz et al., United States ^[10] 3. Johan de Koning, Netherlands 4. Yoichiro Kajihara, Japan 5. Yoshinori Higashiuchi, Reijer Grimbergen, Japan/Netherlands
9	2004	2	1. 8 Queens Problem 2. TAS	1. Johan de Koning, Netherlands 2. Yoshinori Higashiuchi, Reijer Grimbergen, Japan/Netherlands
10	2005	3	1. 8 Queens Problem 2. Invader 3. TAS	1. Johan de Koning, Netherlands 2. Richard Lorentz et al., United States ^[10] 3. Yoshinori Higashiuchi, Reijer Grimbergen, Japan/Netherlands
12	2007	2	1. 8 Queens Problem 2. Campya	1. Johan de Koning, Netherlands 2. Julien Kloetzer, France
13	2008	4	1. Invader 2. 8 Queens Problem 3. Campya 4. BitStronger	1. Richard Lorentz et al., United States ^[10] 2. Johan de Koning, Netherlands 3. Julien Kloetzer, France 4. Qiao Zhi, Sun Zhen, Tao Hongru, China
14	2009	5	1. Invader 2. 8 Queens Problem 3. Campya 4. BitStronger 5. FindFire	1. Richard Lorentz et al., United States ^[10] 2. Johan de Koning, Netherlands 3. Julien Kloetzer, France 4. Qiao Zhi, Sun Zhen, Tao Hongru, China 5. Xiaowei Hu, Zhang Yuting, Wen Zhang, China
15	2010	7	1. Invader 2. 8 Queens Problem 3. Campya 4. FindFire 5. Arrow 2 6. Bit(Go) 7. Qiyi	1. Richard Lorentz et al., United States ^[10] 2. Johan de Koning, Netherlands 3. Julien Kloetzer, France 4. Xiaowei Hu, Zhang Yuting, Wen Zhang, China 5. Martin Müller et al., Canada ^[11] 6. Peixing Zhan, China
16	2011	4	1. Invader 2. 8 Queens Problem 3. Arrow 2 4. Fortress	1. Richard Lorentz et al., United States ^[10] 2. Johan de Koning, Netherlands 3. Martin Müller et al., Canada ^[11] 4. Andi Zhang, China
17	2013	6	1. Invader 2. 8 Queens Problem 3. Long Shot 4. Fortress 5. Arrow 2 6. Explorer	1. Richard Lorentz et al., United States ^[10] 2. Johan de Koning, Netherlands 3. Marcin Malec, United States 4. Andi Zhang, China 5. Martin Müller et al., Canada ^[11] 6. Zhou Ke, China

Awari

Awari is an abstract strategy game among the Mancala family of board games (pit and pebble games).



Oware game from [Cameroon](#)

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
✓	✓	✓	✓	✓													

Participants and results

Olympiad	Year	Number of participants	Ranking ^[12]	
			Program	Authors
1	1989	4	1. Marco 2. Wali 3. Conchos 4. Waro	1. Rémi Niérat, France 2. Eric van der Schilden, Netherlands 3. Steve Thomas, United Kingdom
2	1990	2	1. Lithidion 2. Marco	1. Victor Allis, Maarten van der Meulen, Netherlands 2. Rémi Niérat, France
3	1991	2	1. Lithidion 2. MyProgram	1. Victor Allis, Maarten van der Meulen, Netherlands 2. Eric van Riet Paap, Netherlands
4	1992	3	1. Lithidion 2. Marvin 3. Juju	1. Victor Allis, Maarten van der Meulen, Netherlands 2. Thomas Lincke, Switzerland
5	2000	2	1. Marvin 2. Softwari	1. Thomas Lincke, Switzerland 2. Roel van der Goot, Netherlands

Backgammon

Backgammon is a board game for two players where the checker-like playing pieces are moved according to the roll of dice; a player wins by removing all of his pieces from the board before his opponent.



Backgammon board and checkers

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
✓	✓		✓			✓	✓			✓	✓				✓		✓

Olympiad	Year	Number of participants	Ranking ^[13]	
			Program	Authors
1	1989	6	1. <u>Neurogammon</u> 2. Video Gammon 3. Saitek Backgammon 4. Mephisto Backgammon 5. Backbrain 6. A.I. Backgammon	1. Gerald Tesauero, United States 2. Randall Hoogerhyde, United States 3. Ossi Weiner, Netherlands
2	1990	2	1. Video Gammon 2. Prospero	1. Randall Hoogerhyde, United States 2. Raymond Mills, United Kingdom
4	1992	3	1. Bax 2. Maestro 3. Video Gammon	1. Klaus-Uwe Koschnik, Germany 2. Justin Boyan, United States 3. Randall Hoogerhyde, United States
7	2002	2	1. BGBlitz ^[14] 2. GNU Backgammon ^[15]	1. Frank Berger, Germany 2. Massimiliano Maini, Italy; Achim Müller, Germany
8	2003	2	1. BGBlitz 2. GNU Backgammon	1. Frank Berger, Germany 2. Massimiliano Maini, Italy; Achim Müller, Germany
11	2006	2	1. GNU Backgammon 2. BGBlitz	1. Massimiliano Maini, Italy; Achim Müller, Germany 2. Frank Berger, Germany
12	2007	3	1. BGBlitz 2. GNU Backgammon 3. MCgammon	1. Frank Berger, Germany 2. Massimiliano Maini, Italy; Achim Müller, Germany 3. Guillaume Chaslot, François van Lieshout, Belgium
16	2011	3	1. Palamedes ^[16] 2. GNU Backgammon 3. BGBlitz	1. Nikos Papahristou, Greece 2. Massimiliano Maini, Italy; Achim Müller, Germany 3. Frank Berger, Germany
18	2015	3	1. GNU Backgammon 2. BGBlitz 3. Palamedes	1. Massimiliano Maini, Italy; Achim Müller, Germany 2. Frank Berger, Germany 3. Nikos Papahristou, Greece

Bridge is a trick-taking card game for four players.

A bridge hand being played

[illegible]

Participants and results

Olympiad	Year	Number of participants	Ranking ^[17]	
			Program	Authors
1	1989	4	1. Acol Master 2. Vtech 3. Oxford Bridge 4. Bridge Baron	1. Paul Jones, United Kingdom 2. Tony Guilfoyle, United States 3. Andrew Bracher, United Kingdom 4. Tom Throop, Tony Guilfoyle, United Kingdom
2	1990	2	1. Bridge Baron 2. Oxford Bridge	1. Tom Throop, Tony Guilfoyle, United Kingdom 2. Andrew Bracher, United Kingdom
3	1991	3	1. Bridge Baron 2. Pupil 3. Bridge King	1. Tom Throop, Tony Guilfoyle, United Kingdom 2. Joost Jacob, Netherlands 3. Johannes Leber, Gero Scholz, Germany
4	1992	3	1. Bridge King 2. Bridge Baron 3. Alpha Bridge	1. Johannes Leber, Gero Scholz, Germany 2. Tom Throop, Tony Guilfoyle, United Kingdom 3. Alexander Lopatin, Russia
7	2002	2	1. Wbridge5 2. Jack	1. Yves Costel, France 2. Hans Kuijff, Netherlands

Chess

Chess is a two-player board game played on a checkered game-board with 64 squares arranged in an eight-by-eight grid. Each player begins with 16 pieces of varying characteristics, the objective being to capture one's opponent's king piece.

Many computer-versus-computer events are held beyond those of the Computer Olympiad.^[18]



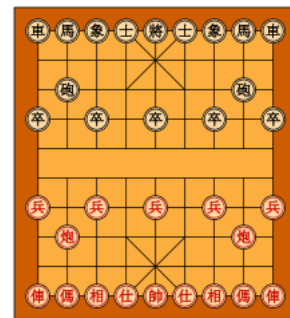
Chess board and pieces

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
✓	✓	✓	✓										✓				✓

Olympiad	Year	Number of participants	Ranking ^[19]	
			Program	Authors
1	1989	9	<ul style="list-style-type: none"> 1. Rebel 2. Mephisto 3. Fidelity X 4. Pandix 5. Chess Player 2150 6. Hiarc3 4.1 7. Échec 1.5 8. E6P 9. Woodpusher 	<ul style="list-style-type: none"> 1. Ed Schroder, Jan Louwman, Netherlands 2. Richard Lang, United Kingdom 3. Kathe Spracklen, Dan Spracklen, United States 4. Gyula Horvath, Hungary 5. Chris Whittington, United Kingdom 6. Mark Uniacke, Harvey Williamson, Eric Hallsworth, United Kingdom; Sebastian Bohme, Germany 7. Marc-François Baudot, Jean-Christophe Weill, France 8. John Hamlen, United Kingdom
2	1990	11	<ul style="list-style-type: none"> 1. Mephisto 2. Rebel 3. Zugzwang 4. Kaissa 5. Échec 6. Woodpusher 7. Brainstorm 8. Chess Player 2150 9. Hiarc3 10. Nightmare (D) 11. Chess Guru 	<ul style="list-style-type: none"> 1. Richard Lang, United Kingdom 2. Ed Schroder, Jan Louwman, Netherlands 3. Rainer Feldmann, Peter Mysłiwietz, Heiner Matthias, Germany 4. Mikhail Donskoy, Vladimir Aralzarov, Alexander Ushkov, USSR 5. Marc-François Baudot, Jean-Christophe Weill, France 6. John Hamlen, United Kingdom 7. Gyula Horvath, Hungary 8. Chris Whittington, United Kingdom 9. Mark Uniacke, Harvey Williamson, Eric Hallsworth, United Kingdom; Sebastian Bohme, Germany 10. Reinhold Gellner, Gaby von Rekowski, Germany 11. Joël Rivat, France
3	1991	7	<ul style="list-style-type: none"> 1. Chessmachine WK 2. Chessmachine King 3. Chess Player 2175 4. Nightmare NL 5. Nimzo 6. Dappet 7. Touch 	<ul style="list-style-type: none"> 1. Ed Schroder, Netherlands 2. Johan de Koning, Netherlands 3. Chris Whittington, United Kingdom 4. Joost Buijs, Netherlands 5. Chrilly Donninger, Austria 6. Dap Hartmann, Peter Kouwenhoven, Netherlands 7. Jos Uiterwijk, Netherlands
4	1992	7	<ul style="list-style-type: none"> 1. Genesis 1. The King 1. Hiarc3 6.72 4. Woodpusher 5. Duck 6. Touch 7. Ananse 	<ul style="list-style-type: none"> 1. Eric van Riet Paap, Netherlands 1. Johan de Koning, Netherlands 1. Mark Uniacke, Harvey Williamson, Eric Hallsworth, United Kingdom; Sebastian Bohme, Germany 4. John Hamlen, United Kingdom 5. Dennis Breuker, Netherlands 6. Jos Uiterwijk, Netherlands 7. Walter Bannerman, Switzerland
14	2009	6	<ul style="list-style-type: none"> 1. Rybka (disqualified) 2. Shredder^[20] 3. Deep Sjeng 4. Pandix 5. Joker 6. Equinox 	<ul style="list-style-type: none"> 1. Vasik Rajlich, United Kingdom 2. Stefan Meyer-Kahlen, Germany; Sandro Necchi, Italy 3. Gian-Carlo Pascutto, Belgium; Erdogan Günes, Turkey/Germany 4. Gyula Horváth, Hungary 5. Harm Geert Mueller, Netherlands 6. Gian Carlo Delli Colli, Stefano Rocchi, Italy; Harry Schnapp, Germany

Chinese chess is a strategy board game for two players from the same family as western or international chess. Known primarily as Xiangqi internationally, the game is referred to as Chinese chess in the Computer Olympiad competitions.

[illegible]

Participants and results

Olympiad	Year	Number of participants	Medalist Ranking ^[21]	
			Program	Authors
1	1989	5	1. Acer Chinese Chess 2. CChess Expert Acme 3. Elephant 4. Xian 5. Ogre	1. Yu Shi-Shun, Taiwan 2. Kuo-Ming Ts'ao, Taiwan 3. Zhe-Yu Guo, Tzu-Tse Lin, Kuang-Che Wu, Wen-Jang Huang, Jen-Hsuan Li, Shih-Chieh Huang, Shun-Shii Lin, Francis Pai, Shun-Chin Hsu, Taiwan 4. Nick Jacobs, United States 5. United Kingdom
2	1990	3	1. Elephant 2. CChess Expert Acme 3. NKS	1. Zhe-Yu Guo, Tzu-Tse Lin, Kuang-Che Wu, Wen-Jang Huang, Jen-Hsuan Li, Shih-Chieh Huang, Shun-Shii Lin, Francis Pai, Shun-Chin Hsu, Taiwan 2. Kuo-Ming Ts'ao, Taiwan 3. Huang Shao Long, Su Zhi, China
3	1991	2	1. Surprise 2. Abyss	1. Ren Wu, China 2. Tony Marsland, Chun Ye, Canada
4	1992	2	1. Surprise 2. Elephant	1. Ren Wu, China 2. Zhe-Yu Guo, Tzu-Tse Lin, Kuang-Che Wu, Wen-Jang Huang, Jen-Hsuan Li, Shih-Chieh Huang, Shun-Shii Lin, Francis Pai, Shun-Chin Hsu, Taiwan
6	2001	3	1. ELP 2. SG 8.2 1 3. Abyss '99	1. Wu-Yao Cheng, Jr-Chang Chen, Shun-Chin Hsu, Taiwan 2. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 3. Tony Marsland, Chun Ye, Canada
7	2002	4	1. ELP 2. Shiga 8.1 3. XieXie 4. Abyss '99	1. Wu-Yao Cheng, Jr-Chang Chen, Shun-Chin Hsu, Taiwan 2. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 3. Pascal Tang, France; Eugenio Castillo Jimenez, Spain; Jih Tung Pai 4. Tony Marsland, Chun Ye, Canada
8	2003	5	1. ZMBL 2. XieXie 3. ELP 4. Lock 5. Contemplation	1. Zhi-Jian Tu, China 2. Pascal Tang, France; Eugenio Castillo Jimenez, Spain; Jih Tung Pai 3. Wu-Yao Cheng, Jr-Chang Chen, Shun-Chin Hsu, Taiwan 4. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 5. Kuang-Che Wu, Jr-Chang Chen, Tsan-Sheng Hsu, Shun-Chin Hsu, Taiwan
9	2004	2	1. Contemplation 2. ELP	1. Kuang-Che Wu, Jr-Chang Chen, Tsan-Sheng Hsu, Shun-Chin Hsu, Taiwan 2. Wu-Yao Cheng, Jr-Chang Chen, Shun-Chin Hsu, Taiwan
10	2005	14	1. XQMASTER 2. Shiga 3. NEUChess 4. TMSK 5. Contemplation 6. XieXie 7. ELP 8. Yuan-Chi 9. Yan-Chi Wu 10. Deep Elephant 11. Elephant Eye 12. Chimo 13. ShinGi 14. Jade	1. Ming-Yang Zhao, China 2. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 3. Jiao Wang, China 4. Bing-Jie Shen, Ruei-Ping Li, Tsan-Sheng Hsu, Taiwan 5. Kuang-Che Wu, Jr-Chang Chen, Tsan-Sheng Hsu, Shun-Chin Hsu, Taiwan 6. Pascal Tang, France; Eugenio Castillo Jimenez, Spain; Jih Tung Pai 7. Wu-Yao Cheng, Jr-Chang Chen, Shun-Chin Hsu, Taiwan 8. Shih-Kuang Huang, Taiwan 9. Yan-Chi Wu, Taiwan 10. Zhe-Yu Guo, Tzu-Tse Lin, Kuang-Che Wu, Wen-Jang Huang, Jen-Hsuan Li, Shih-Chieh Huang, Shun-Shii Lin, Francis Pai, Shun-Chin Hsu, Taiwan 11. Huang Chen, China 12. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan 13. Larry Tu, United States 14. Ting-Wei Hou, Taiwan
11	2006	5	1. NEUChess 2. Shiga 3. Deep Elephant 4. XieXie 5. Contemplation	1. Jiao Wang, China 2. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 3. Zhe-Yu Guo, Tzu-Tse Lin, Kuang-Che Wu, Wen-Jang Huang, Jen-Hsuan Li, Shih-Chieh Huang, Shun-Shii Lin, Francis Pai, Shun-Chin Hsu, Taiwan 4. Pascal Tang, France; Eugenio Castillo Jimenez, Spain; Jih Tung Pai 5. Kuang-Che Wu, Jr-Chang Chen, Tsan-Sheng Hsu, Shun-Chin Hsu, Taiwan
12	2007	5	1. NEUChess 2. Shiga 3. XieXie 4. Deep Elephant 5. Chimo	1. Jiao Wang, China 2. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 3. Pascal Tang, France; Eugenio Castillo Jimenez, Spain; Jih Tung Pai 4. Zhe-Yu Guo, Tzu-Tse Lin, Kuang-Che Wu, Wen-Jang Huang, Jen-Hsuan Li, Shih-Chieh Huang, Shun-Shii Lin, Francis Pai, Shun-Chin Hsu, Taiwan 5. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan
13	2008	18	1. Intella 2. Cyclone 3. EThinker 4. Gaga chess 5. MonkeyKing 6. NEUChess 7. 3DChess 8. XQMASTER 9. TMSK 10. YSSY	1. Chaoying Chen, Yutao Wei, China 2. Min Zhang, China 3. Zheng Xu, China 4. Guolai Li, China 5. Xinhe Xu, China 6. Jiao Wang, China 7. Liu Jin, China 8. Ming-Yang Zhao, China 9. Bing-Jie Shen, Ruei-Ping Li, Tsan-Sheng Hsu, Taiwan 10. Zhang Hao, China

			11. Shiga 12. Binghewusi 13. UFX 14. OracleX 15. ABCCHESS 16. Multi-stars of SJTU 17. Chimo 18. QiJi	11. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 12. Fan DeJun, China 13. Liu Kai, China 14. Zhifu Zhang, Canada 15. Liang Jian Hua, China 16. Zhijun Li, Qi Zhengwei, China 17. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan 18. Duan Yong, Li Zhengqing, Liu Cuiwei, China
14	2009	5	1. TMSK 2. HaQiKi D 3. Chimo 4. Contemplation 5. ELP	1. Bing-Jie Shen, Ruei-Ping Li, Tsan-Sheng Hsu, Taiwan 2. Harm Geert Mueller, Netherlands 3. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan 4. Kuang-Che Wu, Jr-Chang Chen, Tsan-Sheng Hsu, Shun-Chin Hsu, Taiwan 5. Wu-Yao Cheng, Jr-Chang Chen, Shun-Chin Hsu, Taiwan
15	2010	5	1. Shiga 2. TMSK 3. Chimo 4. HaQiKi D 5. SunRise	1. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 2. Bing-Jie Shen, Ruei-Ping Li, Tsan-Sheng Hsu, Taiwan 3. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan 4. Harm Geert Mueller, Netherlands 5. Hao Cui, Jiajia Guo, Xiaowei Hu, Zhao Jianbo, Xiaomeng Yang
16	2011	3	1. Shiga 2. Chimo 3. HaQiKi D	1. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan 2. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan 3. Harm Geert Mueller, Netherlands
17	2013	4	1. Chimo 2. HaQiKi D 3. Shimanese 4. Shiga	1. Wen-Jie Tseng, Wei-Lun Kao, Hung-Hsuan Lin, Chun-Bin Hsu, I-Chen Wu, Shun-Chin Hsu, Taiwan 2. Harm Geert Mueller, Netherlands 3. Tsuyoshi Hashimoto, Masahiko Yoshida, Japan 4. Ming-Cheng Cheng, Shi-Jim Yen, Taiwan

Chinese dark chess

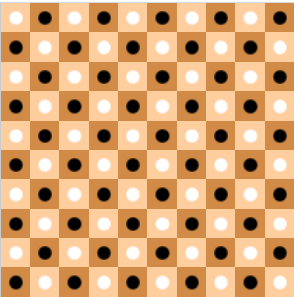
Chinese dark chess is known as Banqi in Chinese.



Chinese dark chess (banqi) board and pieces

Events held by Olympiad and year																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
														✓		✓	✓

Clobber



While standard Clobber is played on a 5x6 board, computer Clobber is usually played on a 10x10 board.

Events held by Olympiad and year																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
									✓	✓				✓	✓	✓	✓

Connect Four

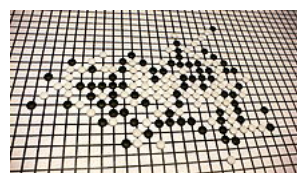


Connect Four travel version by Milton Bradley

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
✓																	

Connect6



Connect6 board and pieces

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
										✓	✓	✓	✓	✓	✓	✓	✓

Dominoes



Domino pieces – played and unplayed

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
✓																	

Gin rummy

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
			✓														

Participants and results

Olympiad	Year	Number of participants	Ranking ^[22]	
			Program	Authors
4	1992	2	1. Rummymate 2. Ginrummy	

GIPF

GIPF				
Olympiad	Year	Number of participants	Ranking ^[23]	
			Program	Authors
6	2001	2	1. GF1 2. Gipfted	1. Kurt Van den Branden, Belgium 2. Diederik Wentink, Netherlands

Octi

Octi is an abstract strategy game with similarities to checkers and chess but allowing for multiple jumping, capturing, and special movement of pieces. The object of the game is to move one's pieces into the opponent's starting points.

Octi				
Olympiad	Year	Number of participants	Ranking ^[24]	
			Program	Authors
9	2004	2	1. Casbah 2. Testme2	1. Charles Sutton, United States 2. Jeff Bacher, Canada

Poker

Poker				
Olympiad	Year	Number of participants	Ranking ^[25]	
			Program	Authors
8	2003	2	1. Sparbot 2. Vexbot	1. Neil Burch, Canada 2. Terence Schauenberg, Canada

Pool

Also known as computational pool.

Events held by Olympiad and year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1989	1990	1991	1992	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2013	2015
									✓	✓		✓					

Participants and results

Olympiad	Year	Number of participants	Ranking ^[26]	
			Program	Authors
10	2005	4	1. UofA 2. PoolMaster 3. Elix 4. SkyNet	
11	2006	5	1. PickPocket 2. SkyNet 3. Elix 4. PoolMaster 5. Snooze	
13	2008	4	1. CueCard 2. PickPocket 3. Elix 4. SkyNet	

See also

- Computer bridge
- Computer chess

References

- "The 18th Olympiad Program" (https://icga.leidenuniv.nl/wp-content/uploads/2015/06/WCCC_COMPUTERGAMES-new-7-2.pdf) (PDF). Retrieved 20 December 2017.
- "Games - ICGA" (https://icga.leidenuniv.nl/?page_id=1112). *icga.leidenuniv.nl*. Retrieved 20 December 2017.
- "Results - ICGA" (https://web.archive.org/web/20161203124710/https://icga.leidenuniv.nl/?page_id=1315). *icga.leidenuniv.nl*. Archived from the original (https://icga.leidenuniv.nl/?page_id=1315) on 3 December 2016. Retrieved 20 December 2017.
- "Harm Jetten's draughts program" (<http://hjetten.home.xs4all.nl/dame.html#perform>). *hjetten.home.xs4all.nl*. Retrieved 20 December 2017.

5. "ICGA Computer Olympiad 2018" (<https://www.tcga.tw/icga-computer-olympiad-2018/en/base.pl>). *Taiwan Computer Game Association 電腦對局學會*. Archived (<https://web.archive.org/web/20201107040133/https://www.tcga.tw/icga-computer-olympiad-2018/en/base.pl>) from the original on 7 November 2020. Retrieved 6 November 2020.
6. Schüssler, Harry (5 September 2018). "The memorable world of chess engines" (<https://en.chessbase.com/post/gm-harry-schuessler-chess-engines>). *ChessBase*. Retrieved 6 November 2020.
7. "Games - ICGA" (https://icga.org/?page_id=2908). *icga.leidenuniv.nl*. Retrieved 18 October 2019.
8. "Abalone (ICGA Tournaments)" (<https://web.archive.org/web/20140922012459/http://www.grappa.univ-lille3.fr/icga/game.php?id=27>). *www.grappa.univ-lille3.fr*. Archived from the original (<http://www.grappa.univ-lille3.fr/icga/game.php?id=27>) on 22 September 2014. Retrieved 20 December 2017.
9. "Amazons (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=15>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
10. Lorentz supervised students: Eugene Furman (2010), Conrad Pack (2010), Dan Dennison (2006), Archie Huerto (2005), Monica Reiss (2005), Akop Karapetyan (2003), Henry Avetisyan (2001)
11. Includes: Martin Müller (Austria), Markus Enzenberger (Germany), Broderick Arneson (Canada, 2009–2010), Rick Valenzano (2010), Daniel Huntley (2010), Gabriel Van Eyck (since 2010), Jiaying Song (since 2010)
12. "Awari (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=16>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
13. "Backgammon (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=11>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
14. Berger, Frank. "- Professional Backgammon Software for Windows - Mac - Linux" (<http://www.bgblitz.com/>). *www.bgblitz.com*. Retrieved 20 December 2017.
15. "GNU Backgammon" (<http://gnubg.org/>). *gnubg.org*. Retrieved 20 December 2017.
16. Matches played without doubling cube.
17. "Bridge (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=9>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
18. Other computer-versus-computer events in chess:
 - [World Computer Chess Championship](#)
 - [World Chess Software Championship](#)
 - [World Microcomputer Chess Championship](#)
 - [World Computer Speed Chess Championship](#)
 - [North American Computer Chess Championship](#)
 - [Dutch Open Computer Chess Championship](#)
 - [Thoresen Chess Engines Competition](#)
 - [International Paderborn Computer Chess Championship](#)
 - [Internet Computer Chess Tournament](#)
19. "Chess (ICGA Tournaments)" (<https://web.archive.org/web/20081019225305/http://www.grappa.univ-lille3.fr/icga/game.php?id=1>). *www.grappa.univ-lille3.fr*. Archived from the original (<http://www.grappa.univ-lille3.fr/icga/game.php?id=1>) on 19 October 2008. Retrieved 20 December 2017.
20. "Shredder Computer Chess Download" (<http://www.shredderchess.com/>). *www.shredderchess.com*. Retrieved 20 December 2017.
21. "Chinese Chess (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=13>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
22. "Ginummy (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=24>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
23. "Gipf (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=21>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
24. "Octi (ICGA Tournaments)" (<https://web.archive.org/web/20110520205604/http://www.grappa.univ-lille3.fr/icga/game.php?id=26>). *www.grappa.univ-lille3.fr*. Archived from the original (<http://www.grappa.univ-lille3.fr/icga/game.php?id=26>) on 20 May 2011. Retrieved 20 December 2017.
25. "Poker (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=10>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.
26. "Pool (ICGA Tournaments)" (<http://www.grappa.univ-lille3.fr/icga/game.php?id=8>). *www.grappa.univ-lille3.fr*. Retrieved 20 December 2017.

External links

- [Results of all events](https://web.archive.org/web/20151109154945/http://www.grappa.univ-lille3.fr/icga/) (<https://web.archive.org/web/20151109154945/http://www.grappa.univ-lille3.fr/icga/>)
- [ACM News - Silicon Brains Compete at Games](http://cacm.acm.org/news/189870-silicon-brains-compete-at-games/fulltext) (<http://cacm.acm.org/news/189870-silicon-brains-compete-at-games/fulltext>)

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