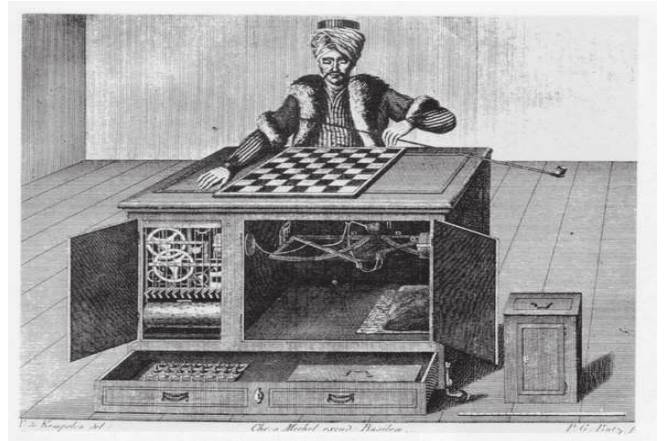


Micromouse

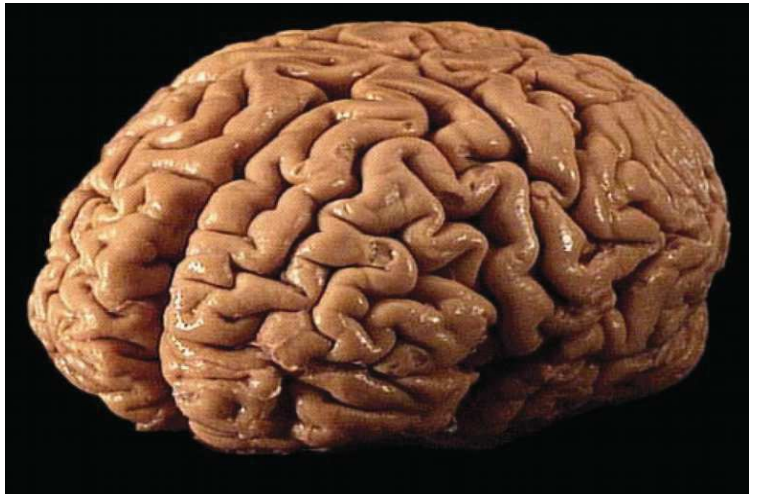


Kempelenov šachový automat (Pressburg, 1782)



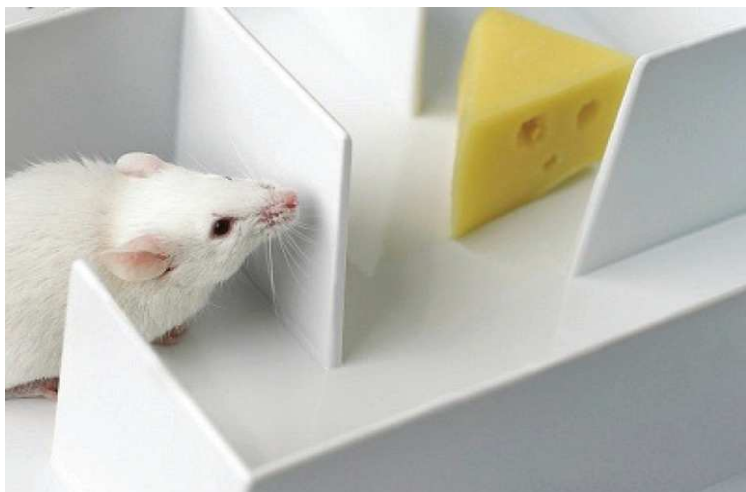
Minos and Theseus Legend (roman mosaic)

Photo: Dillon.ch



Human brain

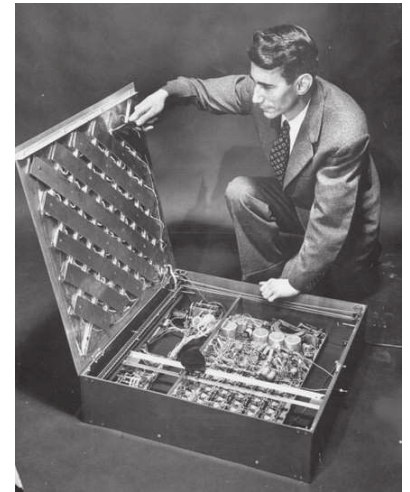
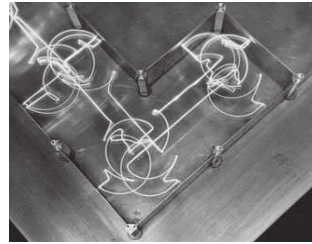
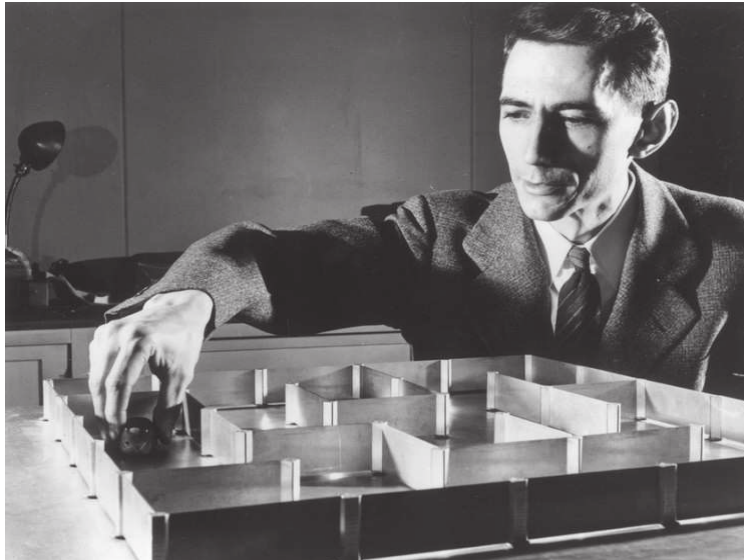
Photo: National Geographics



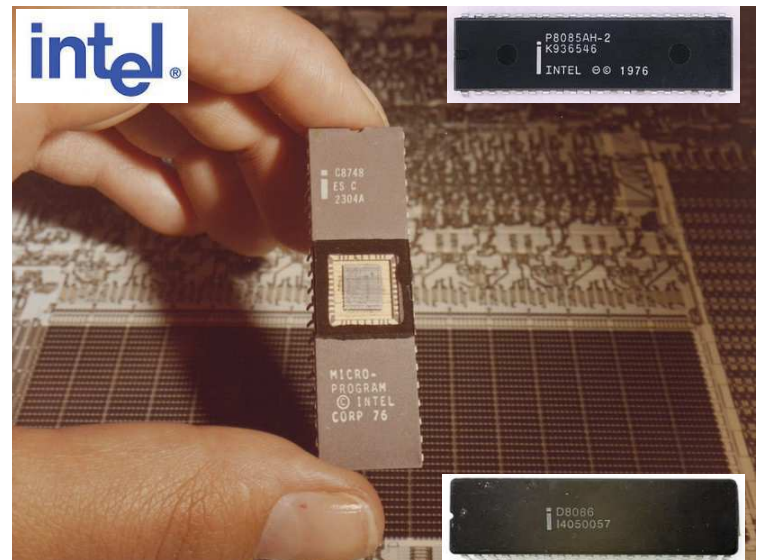
Mouse in a maze.

Photo: Inmagine.com

1950



1976



1977



MAY  VOLUME 14 ☐ NUMBER 5

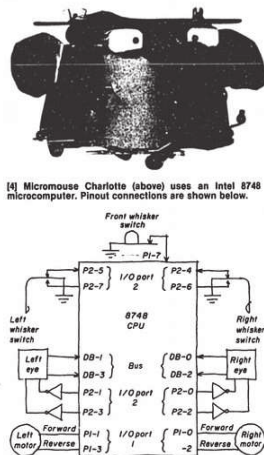
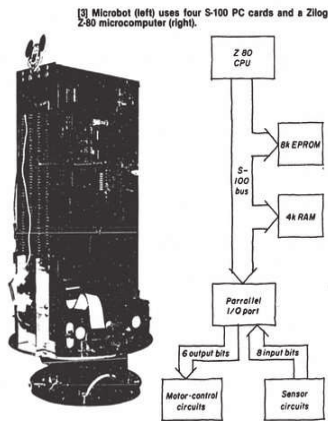
spectral lines



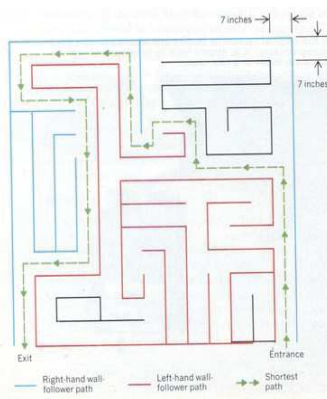
Announcing the Amazing Micro-Mouse Maze Contest

It was through mere happenstance that *Spectrum's* editors learned—by means of word propagated along the industry grapevine—of a so-called electronic mouse ("le mouse électronique" were the exact words that reached our ears). Upon assigning our top investigative reporters to the task of finding out the true facts, we quickly found that in January the magazine *Machine Design* had indeed called for designers and constructors of "electronique" mice to enter The Great Clock Climbing Contest. Contestants would be required to construct a mechanical mouse that could attempt to climb a vertical mesh screen ("le clock," one supposes). Our disappointment came

Be that as it may, the Utah tests led to the idea of the Le Mouse II contest announced in January by *Machine Design*. (Sorry, the deadline for registration was March 1.) Beyond that, it set *Spectrum's* engineer-editors to wondering why a true electronic mouse could not be built. We put our heads together and, after a few days of concentrated after-hours brainstorming, became convinced that the plan was feasible. In short, *Spectrum* would run its own real electronic mouse contest. The mice would be required to negotiate a maze (officially named the Mystery Mouse Maze because its configuration would be kept a closely guarded secret until race day). The contestants



1979



I. Box score of the final race, in order of running

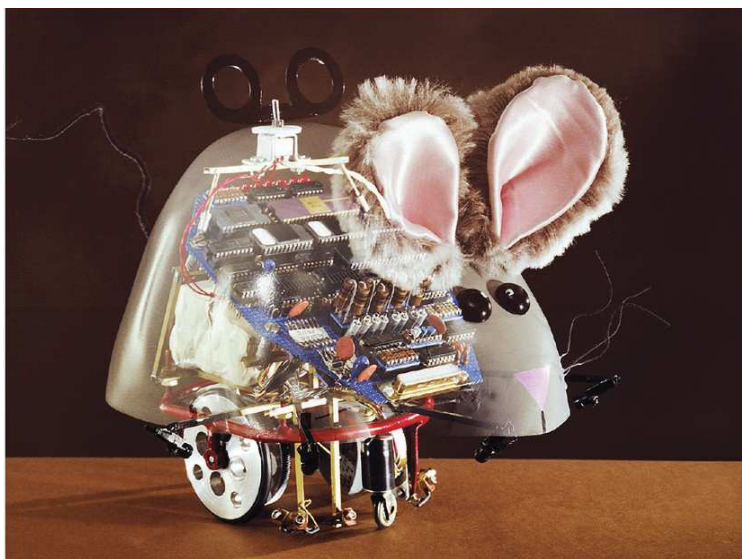
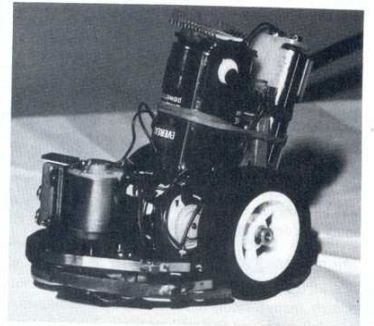
Mouse	Designers/ handlers	Run 1, seconds	Run 2, seconds	Run 3, seconds
Dudley	David Schaefer, Roger Sanderson	Aborted	Aborted	252
Mikey	Michael Riggsby	Aborted	Aborted	Aborted
Mini	Anelle Riggsby	Aborted	Aborted	Aborted
Mushka	Bob Norton, John Dilner	Aborted	Aborted	94.74
Theseus	Dave Ziffer, Scott Pector, Robert Matz	Aborted	Aborted	Aborted
Charlotte	Earl Kalbfleisch	Aborted	Aborted	Aborted
Moonlight Special	Art Boland, Ron Dilbeck, Phil Stover	66.98	50.70	50.38
Moonlight Flash	Art Boland, Ron Dilbeck, Phil Stover	30.04	30.62	29.78
Moonlight Express	Art Boland, Ron Dilbeck, Phil Stover	100.88	31.36	31.16
Harvey Wall- banger	Gary Gordon, Gary Sasaki, Ken MacLeod	41.68	40.42	39.96
Mazey	Tony Rosetti, Peter Rowe, Steve Allen	Aborted	Aborted	Aborted
Kimbot	Mark Kantrowitz	Aborted	Aborted	Aborted
Wampus II	David Block	Aborted	Aborted	Aborted
Catty	Howard Katsaff	Aborted	Aborted	Aborted
wampus	Michael Sipser	Aborted	Aborted	Aborted
Microbot	James Hamblen	Aborted	Aborted	Aborted

* Run not taken

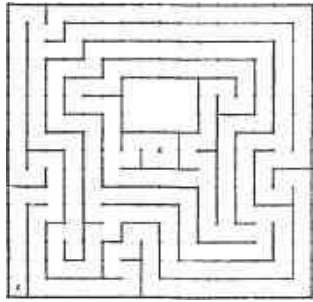
6000 / 15 / 6



[1] Moonlight Express, improved in speed over its predecessor, the Moonlight Special, won the prize for fastest smart mouse. It solved Spectrum's maze in consecutive runs of 100.88, 31.36, and 31.16 s. Like the Moonlight Special, the Express was based on a Z-80A microprocessor. Its five appendages carried optical elements to guide it through the maze.



1980

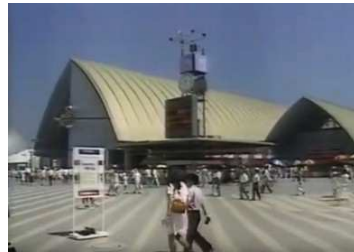


- First Run -			
Mouse	Order	Time	Penalty
Amcomical	8	1:30	----
Brainy Bricks	2	10:00	1:30
Fred	1	4:40	:30
LAMI	3	3:30	----
Meryl	4	1:45	4:00
Midnight Sun	5	1:29	2:00
Pascal	5	2:07	1:00
Stirling Mouse	7	3:49 *	2:00
Yamabiko	-	----	----

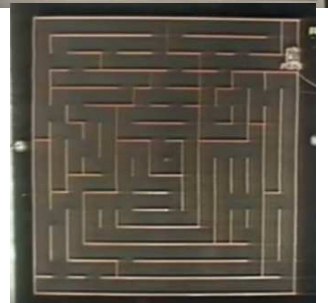
- Learning -			
Mouse	Order	Time	Penalty
Amcomical	2	4:11 L	7:00
Brainy Bricks	1	3:42	7:30
Fred	3	5:00	7:00
LAMI	4	3:49 L	----
Meryl	5	1:28 L	----
Midnight Sun	6	0:15 L	6:00
Pascal	-	----	----
Stirling Mouse	7	2:50	6:00
Yamabiko	-	----	----

The first European contests were a Portsmouth preliminary on 1st July 1980, and the London finals on 17th September at EuroMicro 80. The European mazes were 16 by 16 units, and had a centre goal.

1985



23	S. I. T. X Ⅲ号	・芝浦工業大学電気工学科
24	NORIKO-X2	・福山マイコンクラブ(後藤井谷野村)
25	NORIKO-X3	・福山マイコンクラブ(後藤井谷野村)
26	Speedy Gonzales	・Ralf Hinkel (西独)
27	Manu	・Hannu Matti(芬)
28	Enterprise	・David Woodfield (英)
29	NORIKO-X5	・福山マイコンクラブ(後藤井谷野村)
30	NORIKO-X1	・福山マイコンクラブ(後藤井谷野村)
31	E M I	・福山マイコンクラブ(上広孝幸)



<https://youtu.be/Y0ogmQ3hYpY>

2001

ISTROBOT



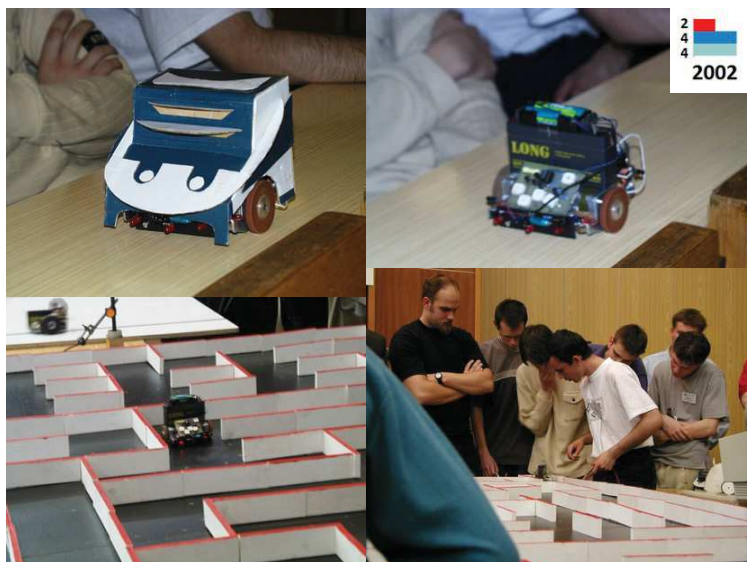
- Stopár
- Myš v bludisku
- Voľná jazda



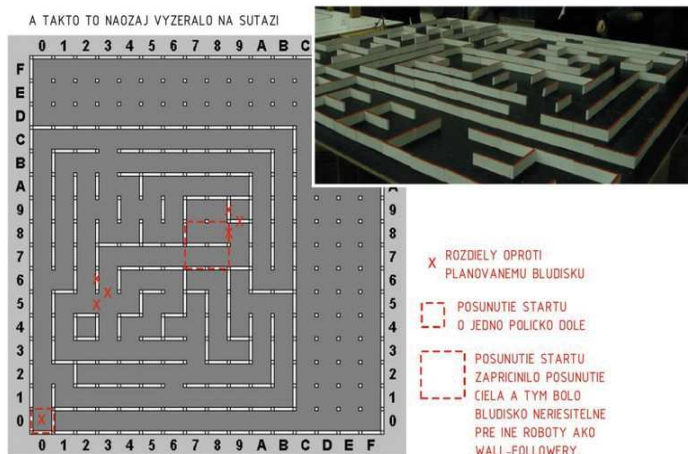
2002

2001

25. apríla 2001 sa na Fakulte elektrotechniky a informatiky STU uskutočnil prvý ročník súťaže mobilných autonómnych robotov

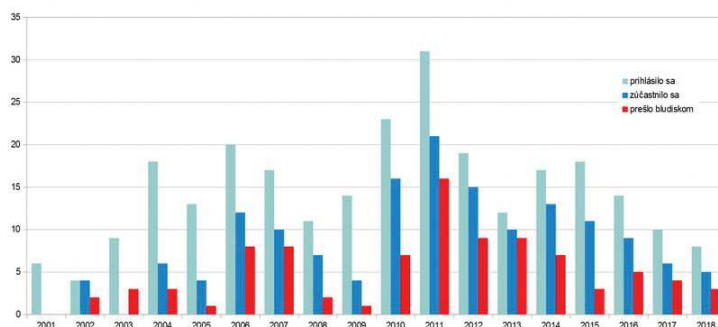


2002

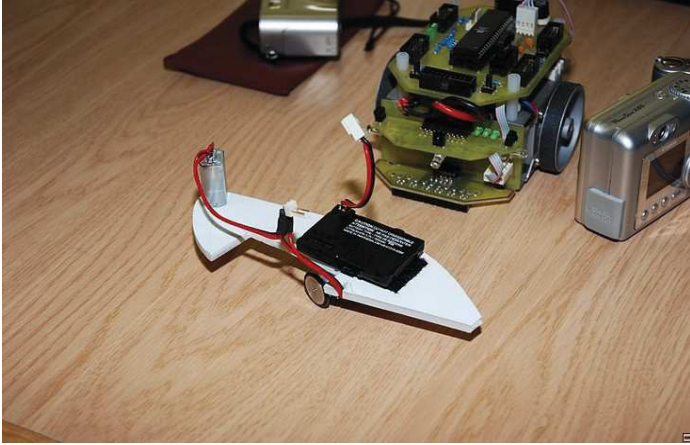


2003-18

2003-18



2007



To be continued...