

ACROSS

- 1 where the Spirit is
- 4 a sign that you're Reddy to help
- 8 a type of book
- 12 a knowledgeable lab
- 14 a/k/a user interface design
- 17 mechanical computer that deciphered Enigma coded messages
- 18 American Indian tribe members or pickup trucks Down Under
- 20 colorless, odorless gas emitted by Kat-5 in Nevada race
- 21 before Smith (Fellow)
- 22 14 across in France
- 23 pester
- 24 a cognitive architecture
- 26 robot soccer event
- 27 opposite of 34 across
- 28 runs between two points
- 29 Geometry Theorem Prover and General Problem Solver each had one
- 30 a bioinformatics center in Beijing
- 31 this IBM Fellow mined Marks & Spencer data
- 34 opposite of 27 across
- 35 a computing association
- 38 a cereal grain
- 40 NLP system named for Linotype error sequence
- 43 a first name in neural nets
- 45 AAAI Fellow Thomas and Oklahoma's Hougen
- 48 found in product barcode
- 50 a sense organ
- 51 a Web ontology language
- 53 Judea or nursebot
- 55 this moment
- 56 project lead
- 57 it cleans up
- 60 an early AT&T tablet computer
- 61 robot degree
- 63 this Ned loomed large in early 1800's
- 66 server-side scripting environment or Cobra type
- 68 air defense system or herb
- 69 you'll find Alan Mackworth there
- 70 an associative array
- 72 initial or goal
- 74 HAL moved up the alphabet
- 76 Nilsson
- 77 Stanford had one

79 before Fahlman (Fellow)
80 an AI Society in Portugal
82 Countess of Lovelace
83 GOFAI alternative
86 Mitchell
88 a wedding phrase
90 tank engine expert or Shortliffe
91 erase
94 Deep Space 1 was one
98 Brachman
101 an application
103 standard measurement quantity
104 a constrictor
106 Engelmores
107 massage
109 an early conference at ACE's home
111 McCarthy
113 universal automation
116 before Laird (Fellow)
117 AI's Bush
118 the Predator is one
119 first name of 49 down's theological advisor
121 Could a robot performer join this union?
124 von Kempelen's player
125 after noon or LT challenge
126 celebrated 25th anniversary in 2005
128 it assists architects
129 an Austrian AI Society
130 a science degree
131 space exploration
133 an early Kurzweil vision
134 CUL8R
136 before CMU
137 CYRUS' conceptual memory secretary
141 an UK AI Society
144 what this is
145 knowledge repr.
146 Sci-__
147 maximizes cumulative reward
148 fireplace residue
149 an Italian AI Society
150 Turkish currency
151 Don at AI dawn
154 lots of agents
155 site of AAAI-07
156 models and chains

159 he soared
161 a/k/a Baduk
162 an IASTED conference
163 "he" answered Raphael's questions
164 hypermedia based educational expert system or to inquire
165 what Ecobot II does with flies
167 it found meteorites
168 a Marx brother
169 IBM 701 developer at Dartmouth workshop
171 USC inst.
173 a linguistic law
175 found at International Autonomous Underwater Vehicle Competition
177 a Ford
178 in addition to
182 a representative body for European AI community
185 Gates or Joy
188 a bloody good expert system
189 Sandstorm, for example
191 an electronic law/tech journal
193 a group's moral principles
194 not you
195 Higgins Professor and articulate lady
196 FORTRAN and LISP are others
197 Shakey vintner
201 an unspecified quantity
202 ___ Mater
203 before Buchanan (Fellow)
204 one more from IBM in Hanover in 1956
205 CBR project or Kentucky Derby winner
206 the science of artificial ___

DOWN

1 AAI Park
2 not wrong
3 described relational and differential machines in 1851
4 Late for the Train or a famous script
5 1959 film, Ben-__ 6 where you'll find Benjamin Kuipers
7 before Hinton (Fellow)
9 R1 or former inmate
10 every iss. of AI Magazine has one
11 1995 DARPA
13 an AAI official
14 climb this!
15 an automatic programming system

16 roboticist Horswill and futurist Pearson
17 Dartmouth lifecycle event for AI appellation
19 AIC is there
25 ARO's parent
27 Pohl or retirement account
30 had "controlled hallucination" vision
32 Loew's clay man
33 a Boolean operator
36 home of 53 down
37 Dawkins' cultural unit
39 named for research and development
41 show how it works or Brandeis lab
42 research space
44 robot play first performed 85 years ago
46 on, off; yes, ___
47 bees do it
48 robot control methodology or vacation destination
49 a humanoid robot
52 rich soil
53 an AI poker player
54 13th Century theologian
58 where 142 down is from
59 small amount or Greek letter
61 AI expert or fig tree (Deutsch)
62 a type of tree
64 AI used at this Swiss bank
65 site of AAI-83 & -93
67 Eniac's 1946 st.
71 she and Sam understood simple stories in New Haven
72 an AI lab
73 where Austin is
75 what they did at The Origins of Cyberspace event in Feb. '05
76 a Boolean operator
78 "flew" with robots to WTC in 2001
81 ___ Alto
83 @
84 driver's license, passport, etc.
85 AI thug's tactic (2 wds)
87 his conversation with Marvin is in AI Magazine 13(3)
89 sphere or globe
92 a Hellenic AI Society
93 28 across has one
95 Yoko
96 Spielberg film
97 what they call 206 across
99 programming appr. used by Java

100 Horvitz
101 Universal Automatic Computer
102 the write stuff
104 Belgian + Dutch AI assoc.
105 "she" has more connections than a lobbyist
108 where you'll find Martha Pollack
110 waltz
111 dispatched by 68 across system
112 threatening tic-tac-toe player
114 many grad. students are this
115 an uncertain community
119 Manuela's dog
120 181 down's family
122 before Dietterich (Fellow)
123 before Brooks (Fellow)
125 Hayes or Winston
127 28 across bowed
130 1024 KB
131 made public their reservations
132 MacHack's game
133 his razor trims the fat
135 created first mechanical digital calculating machine
136 before Perrault (Fellow)
137 before DVR
138 first name in robots playing soccer
139 you'll find Kenneth Forbus here
140 before Ashby of Automata Studies
141 children's game or Nobel lecture (2 wds)
142 Baum's mechanical man
143 drove coast-to-coast
145 2004 MacArthur Fellow
148 AI artist or Sloman
149 smart brake sys.
152 opposite of 134 across
153 an AI conference
154 not max
157 a Spanish Association for Artificial Intelligence
158 Firby's sys. or music genre
160 what Stanley did in 2005
164 a NASDAQ trade & quote monitor
166 an early 1970's problem solver
170 Newell or wrench
172 a LISP gathering
173 search space
174 an early video game
176 Shannon, Brachman and Turing worked there

- 179 a Nobel prize winner
- 180 an action option when faced with obstacle
- 181 simulates survival of the fittest
- 183 SCCC location
- 184 a joint conference
- 186 Japanese Chess
- 187 a large body of water
- 189 Russian emperor or powerful person
- 190 Solomonoff and Kurzweil
- 192 consistent with reality
- 198 geologic time unit or SF novel by Bear
- 199 info tech
- 200 Dartmouth's st.
- 202 a well-known group of other authors: et ___
- 203 UK industrial CS lab