



AI Fun Matters

Adi Botea (Eaton, Ireland; adibotea@eaton.com)

DOI: [10.1145/3362077.3362090](https://doi.org/10.1145/3362077.3362090)

1	2	3	4	5	6	7	8	9	10	11	
12							13				
14							15				
16					17	18			19		
20				21				22			
23			A	I			25				
			M	A	T	T	E	R	S		
28	29	30				31			32	33	34
35					36				37		
38				39					40		
41			42				43	44			
45							46				
47							48				

Across: 1) Well recovered after effort. 7) Covered with water. 12) Small room extension. 13) ___ Artois, Belgian beer. 14) Identical copies (e.g., of a git repo). 15) Harry ___, the fictional wizard. 16) Country next to UK, in the local language. 17) Hastily prepare for an exam. 19) Object-oriented language. 20) John ___, British mathematician, Whitehead Prize recipient. 21) Being in the past. 22) Oil platforms. 23) Body twists? 25) Buenos ___, host of IJCAI 2015. 28) Theorem for conditional probabilities, popular in AI. 31) Modified. 35) Ways to utilize. 36) Pinot ___, a type of wine. 37) ___ Longoria, American actress. 38) Greek letter, symbol of Pearson's correlation. 39) ___ Ginsberg, AI scientist. 40) The termination of a person in their teens. 41) Painted in pessimistic shades. 43) A type of a function defined on the fly. 45) International agreement. 46) Tighter as a deadline. 47) Dispatches to a destination. 48) Tire patterns.

Down: 1) Speedy competitors. 2) Dr. ___ Reid, a character from *Scrubs*. 3) Athlete who gets points. 4) A sound feature. 5) First name given

to a female? 6) Preparation for landing. 7) A known fact in STRIPS planning. 8) Impacted by the cloud transformation. 9) Star in the Aquila constellation. 10) Slide on snow. 11) Annoy constantly. 13) Make ___, the duration of a plan or schedule. 18) Run a program once more. 21) ___ unit, a special neuron in a neural net. 22) ___/run = slope. 24) NASA ___ Research Center, located in Mountain View. 25) Beautiful complements to science. 27) Person with a superior attitude. 28) Breaks violently. 29) Towards the end of seas. 30) Old land owners. 32) Capital city of Saskatchewan, Canada, home of a known university. 33) Levelled off. 34) Courageous individuals. 36) ___ Marcus, AI scientist. 39) New York baseball team. 40) ___ Vera, a plant used in skin lotions. 42) Established as an opponent for good. 44) A companion to neither.

Prev sol: CALAIS, STAPLE, A, ONCE, WALLED, SLATER, OCEANS, TONI, BLOT, COG, OWE, MIEN, EIRE, REDCOAT, ADDER, RANTING, ACTON, UTTERED, CHAP, ACHE, ORE, CAN, PLEA, RUIN, ORDEAL, CLOSET, STEVIE, AIDE, E, TAMELY, NEEDED

Acknowledgment: I thank Karen McKenna for her feedback. The grid is created with the AI system Combust ([Botea, 2007](#)).

References

Botea, A. (2007). Crossword Grid Composition with A Hierarchical CSP Encoding. In *The 6th CP Workshop ModRef*.



Adi Botea is an AI senior specialist at Eaton, Ireland. He holds a PhD from the University of Alberta, Canada. Adi has co-authored over 80 publications. He has published crosswords in Romanian, in national-level publications, for almost

three decades.