

## AI Fun Matters

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**Across:** 1) Popular team sport. 7) Ancient art gallery. 10) Pathway over the sea. 11) Skin lotion ingredient. 13) Fish similar to sardines. 15) Written by hand. 17) Ripped apart. 18) Painkiller effect. 20) A word just like before. 21) Chapter in history. 22) Rotula's joint. 23) Way to represent a complex number. 24) Crisis with no hope. 26) Army camps. 27) Cash flows received. 29) Improve an algorithm to handle larger problems. 32) Enjoys a fun conversation. 36) Crosswords building block. 37) Brad \_\_\_\_, American actor. 38) Set on fire. 39) Composition for an organ. 40) Mutual understanding. 41) Spell-checker target. 42) Wayne \_\_\_\_, retired English footballer. 44) Top pencil accessory. 46) Not much done at a barbeque. 47) Position along a career pathway. 48) Gracious feathered swimmer. 49) Cattle thieves.

**Down:** 1) Skipped meals. 2) Majestic musical compositions. 3) Scrabble piece. 4) Play in a casino. 5) Toxic metalloid. 6) Memory failure. 7) Reason to reject. 8) Trojan hero,

Aphrodite's son. 9) \_\_\_' Game, science fiction book and film. 12) Jeans brand. 14) Word with greater significance. 16) Great North American lake. 19) Cardio exercise. 22) Citizen \_\_\_\_, American drama film. 23) A time in history. 25) Stack on a desk. 26) Made to follow a curve. 29) Passes as a horror scenario. 30) Small Renault model. 31) Magnificent lights in the sky. 33) President's palace in Paris. 34) Good to harvest. 35) Nature's furious outbreaks. 37) Funding provider. 40) Ratio keyword. 41) Qualified for a basketball competition. 43) Not a number in computer science. 45) Post-mortem decay.

**Previous solution:** PLANNING - SLAV - TOO - OBOE - ASTERS - LENSES - SEAL - TODD - SRI - MAC - GELS - TOGO - ASHTRAY - MORON - HOLMDEL - SINEW - PENDANT - EDEN - HUMS - LAO - ALE - PASO - SKIN - REDEEM - NEPALI - LENA - AIL - HEEL - LEARNING

**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 Univ. of Alberta, Canada. Adi co-authored over 80 scientific papers. He has published crosswords in Romanian, in national-level venues, for almost 3 decades.