

Institute of Creative Technologies  
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# ALGORITHMIC META-CREATIVITY

**Creative Computing and Pataphysics  
for Computational Creativity**

**pata.physics.wtf**

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# TL;DR

## **Algorithmic Meta-Creativity** — Fania Raczinski — Abstract<sup>1</sup>

Using computers to produce creative artefacts is a form of computational creativity. Using creative techniques computationally is creative computing. **AMC!** (**AMC!**) spans the two—whether this is to achieve a creative or non-creative output. Creativity in humans needs to be interpreted differently to machines. Humans and machines differ in many ways, we have different ‘brains/memory’, ‘thinking processes/software’ and ‘bodies/hardware’. Often creative output by machines is judged in human terms. Computers which are truly artificially intelligent might be capable of true artificial creativity. Until then they are (philosophical) zombie robots: machines that behave like humans but aren’t conscious. The only alternative is to see any computer creativity as a direct or indirect expression of human creativity using digital means and evaluate it as such. **AMC!** is neither machine creativity nor human creativity—it is both. By acknowledging the undeniable link between computer creativity and its human influence (the machine is just a tool for the human) we enter a new realm of thought. How is **AMC!** defined and evaluated? This thesis address this issue. First **AMC!** is embodied in an artefact (a pataphysical search tool: [pata.physics.wtf](#)) and then a theoretical framework to help interpret and evaluate such products of **AMC!** is explained.

**Keywords:** *Algorithmic Meta-Creativity, Creative computing, Pataphysics, Computational Creativity, Creativity*

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<sup>1</sup>“Too long; didn’t read”



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