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CogNovo A Case Study for Cognitive Innovation

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COGNOVO A Case Study for Cognitive Innovation

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Cognitive innovation is a term artificially created to describe an integrative concept linking ideation, implementation, and communication across disciplines (Gummerum & Denham, 2014). While the mentioned sub-parts have been subjects of discussion across a number of research areas, so far the fields have not tackled the combined concept with great success. In part this is attributed to a missing methodological approach. CogNovo, a doctoral training centre at Plymouth University, is set up in a way that it provides access to 25 PhD students and their supervisors practising cognitive innovation in their work across disciplines (Maranan, Loesche,& Denham, 2015). Here we show the elements of the setup from a information theoretical perspective with the input, process, and output specified. We suggest a mixed-methods approach to understand cognitive innovation as more than the sum of its parts.

Grant

Call for Applications

2014

Candidate selection

previous work

research methods

experimental methods

computational modeling

2015

public outreach

entrepreneurship

Off the Lip 2015

2016

scientific mythologies

neural basis

Secondments

Summer School

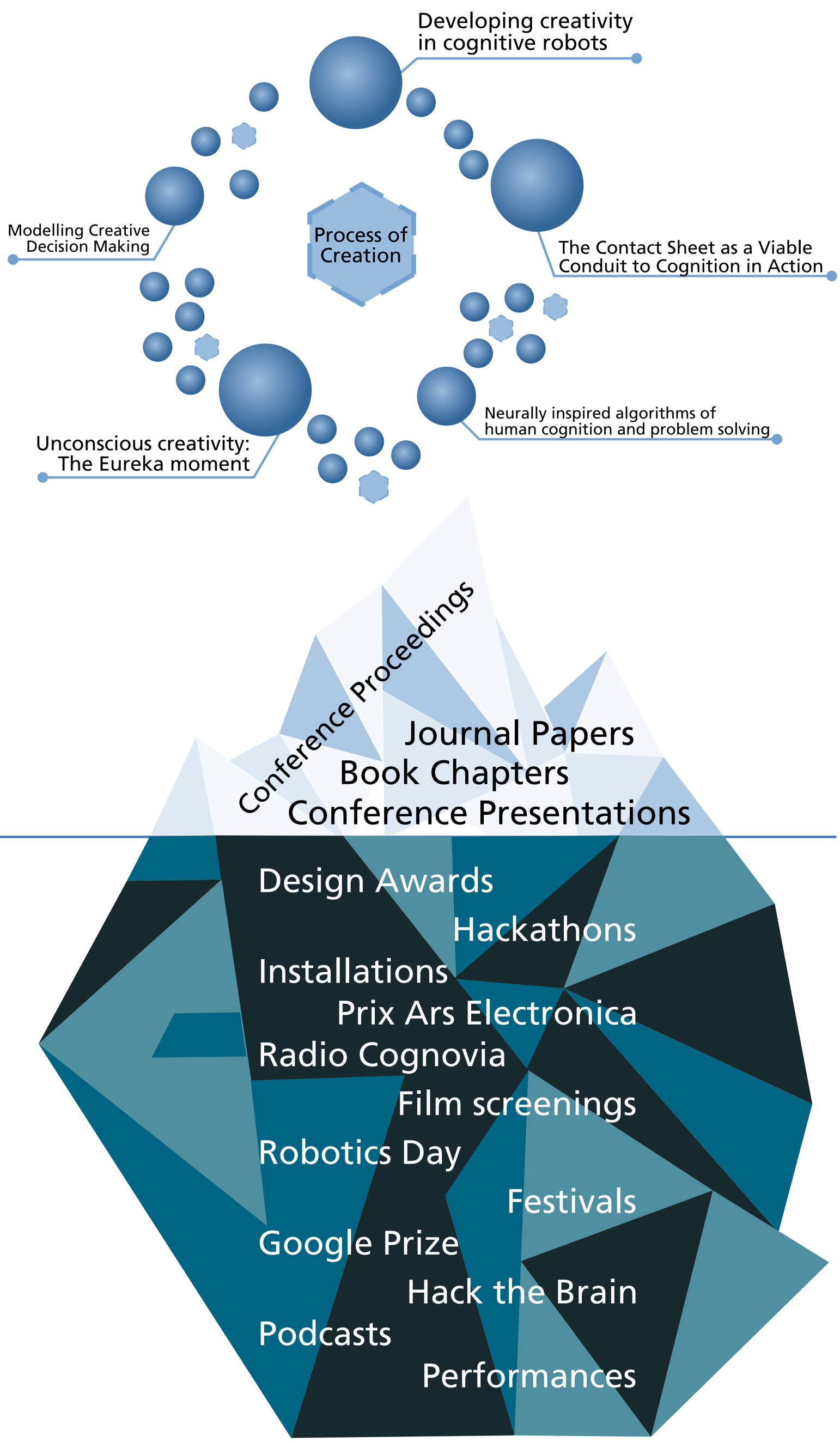
Industry Partnerships

true alarms

Off the Lip 2016

2017

group creativity



References:
• Gummerum, M., & Denham, S. L. (2014). Cognitive innovation: From cell to society. Europe's Journal of Psychology, 10. doi:10.5964/ejop.v10i4.879
• Maranan, D. S., Loesche, F., & Denham, S. L. (2015). CogNovo: Cognitive innovation for technological, artistic, and social domains. In Proceedings of the 21st international symposium on electronic arts (Vol. 2015).

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