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Australian National University

3Ai

DATA 61

CSIRO
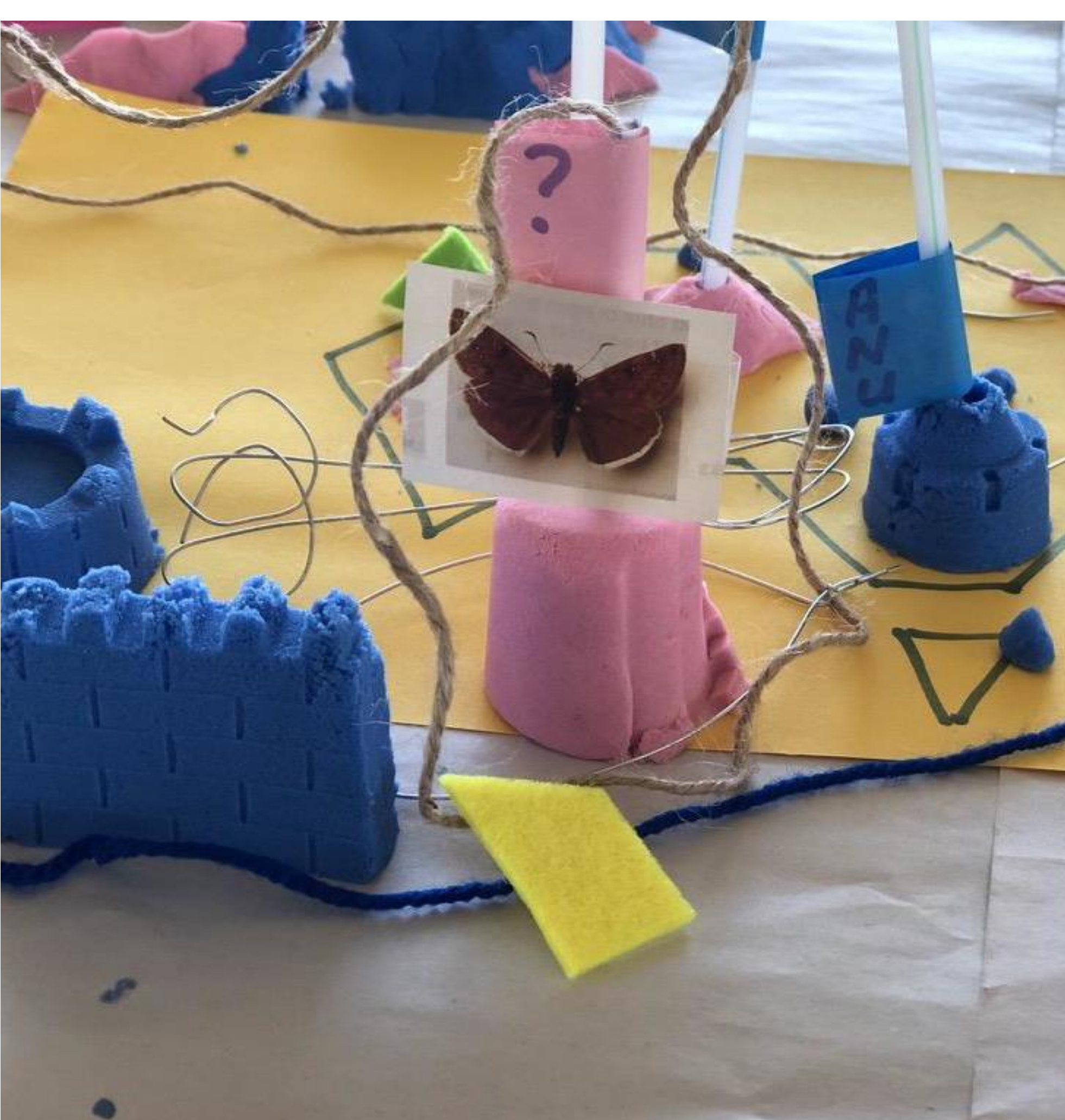
The Collaboratorium: immersive experiences with an interdisciplinary, ad-hoc network of researchers, scholars and practitioners

Anonymous participants and physical media force creative modes of expression which are usually blocked by status, knowledge and discipline silos, and deference to subject matter expertise.

3Ai has been experimenting with new ways of building knowledge, engaging stakeholders and transmitting our insights.

Building on a method pioneered at the Australian National University, we use the "Collaboratorium" – immersive experiences with an interdisciplinary, cross-institutional, ad-hoc network of researchers, scholars and practitioners – to engage with our strategic imperatives.

Each session runs for three hours plus an hour of networking. Multiple tasks were provided for each session, with one physical medium and various presentation formats provided for participants to engage with. Media have included playdough, art and craft supplies, lego, and kinetic sand.

The media, and first-name-only introductions, forces modes of expression and generative communication styles that progress rare interdisciplinary and multidisciplinary conversations.

The Autonomy, Agency and Assurance Institute (3Ai) is building a new applied science around artificial intelligence.

Specifically, we seek to explore the consequences of a move from traditional command-and-control computing paradigms to world of cyber-physical systems powered by artificial intelligence technologies. How will we relate to ambient and anticipatory smart technologies?

Managing the new world of the 4th Industrial Revolution requires us to confront some vexing issues:

Will compute be autonomous? If so, what does that mean for technical, business, social, legal and human frameworks?

How will the limits of this paradigm be determined when software becomes contextual, conditional, and fluid?

And how will these new systems be made safe, secure, and reliable?

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FTA 2018

FUTURE-ORIENTED TECHNOLOGY ANALYSIS

BRUSSELS 4 - 5TH OF JUNE, 2018
THE SQUARE BUSINESS CENTER
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