

# CHAPTER 6

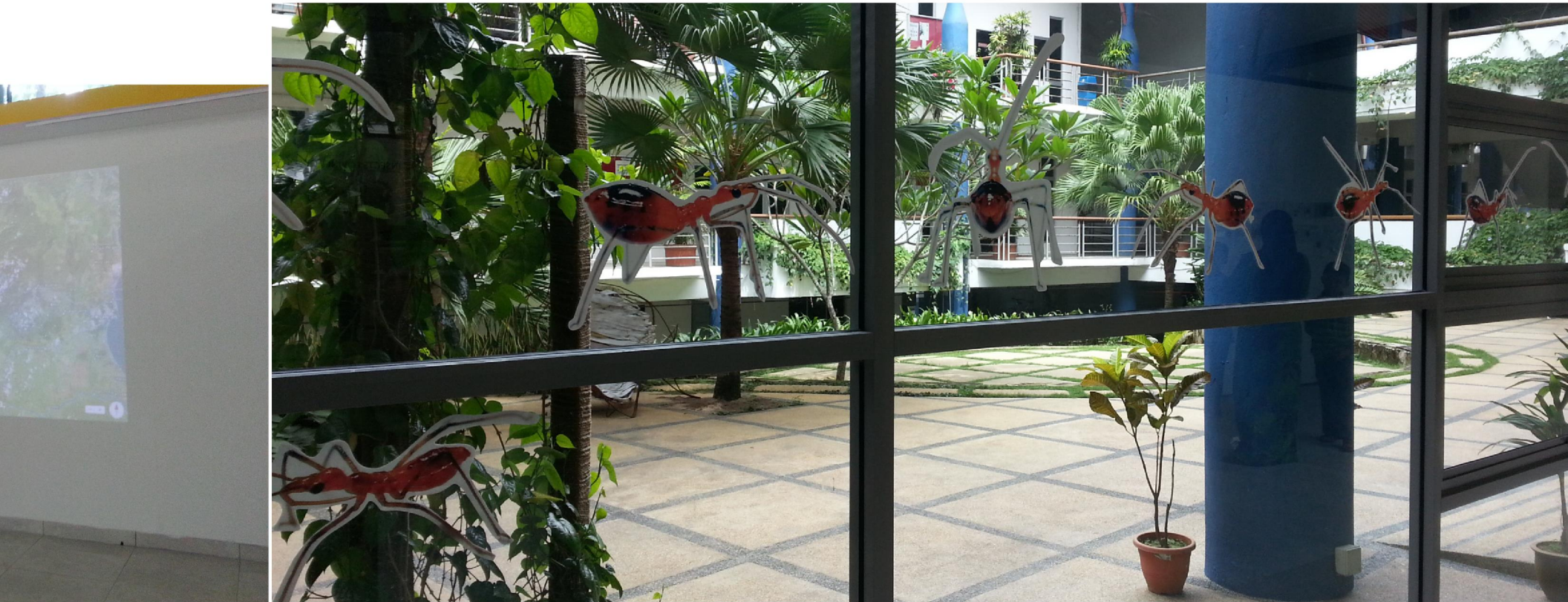
## COGNITIVE BIO-INSPIRATION

Nasir Baharuddin

**The Invisible Symphony**  
Chan Cheong Jan, Gisa Jähnichen

**Fireflies**  
Nasir Baharuddin





# Cognitive Bio-Inspiration

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The idea of inspiration in scientific discovery basically is based from the process of cognitive biological framework and data factual documentation. It tries to justify the notion of thinking and the process of inspiration being developed by certain factual knowledge and thinking systems as a form of an idea. Due to these operations we are able to organize our sensations and conceptions to construct reality. Reality is, indeed, more tangible and even individual-specific based on certain culture-specific logic and reason. This factual experience and logical reasoning becomes a fundamental instrument of inspiration, where it will create possibilities by the construction and limitations of our mind to look beyond. In fact, the discovery in cognitive biology aims to synthesize data of various scientific disciplines within a single frame of conceiving life as epistemic to unfold the mysterious part of living creatures. The world of insects for example reveals the systems of living nature that relates to the construction of organisms. Where the structural complexity of those constructions may carry embodied

knowledge corresponding to their epistemic complexity as an inspired element of human conscious emotional experience. It has a bearing upon such notions as new biological interventions of science to reshape the future of mankind in creating new models of thinking and exploration.

This enables more powerful interventions into those mechanisms, with consequences which may be already transcending human capacity to foresee, evaluate and control the process of particular living creatures that may turn out to be more far reaching research explorations. The results of discoveries may suggest the progressive interventions based from the living creature's anatomy that can be turned into technology, science, arts and engineering innovation as instrumental knowledge through microscopic lenses. To be successful, these intervention and inspiration are good to have and knowing the composition of solutions to the most optimal

activity in order to see, speak and communicate differently towards broader texts of vocabulary and creative strategies. These compositions may need different and complicated methodologies which can structure all studies and discovery of cognitive biology into new framework and data factual mapping and documentation. This innovation and inspiration may embed broader implications in integrating and parallel to all systems of knowledge in other areas of contemporary scientific endeavor and artistic creations. For example by imposing the inspiration to instrumental knowledge, our ability to create and manipulate things however can enhance our understanding. Especially from empirical experience of knowledge to a magical experience of discovery, where the researcher will be able to design and place out of their context and turn the environment into valuable meaning.

In addition, these experiences may establish the interconnected data information into new data of mapping, and disentangled things and events into new combinations

in which new systems of living creatures can impose new order, with regards to cognitive biology. The results may inspire many people to react and enquire more information about the life of living creatures and its behavior. Furthermore, by this situation, the complexity of information may dissolve and become a revealing mechanism of cognitive processes and inspiration to our times as profound comprehension of human thought. With experiencing new data of information and interaction of the research subject, it will become a new instrument to explore further discovery and how it will react to human life and be part of the thinking process. Where this process will be surrounded by all living creatures that influence the attitude of human condition, particularly the life and movement of an insect as an example that can inform a real data about the real situation of biological facts regarding real life and its manner into specific reality that can inspire others.