

The Emergence of Biological Architecture

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Abstract:

Biological Architecture is a new interdisciplinary field centered around the ideas of designing and building new or improved innovative systems, objects or products based on the observed properties of biological systems. There is now an emerging community of researchers in Biological Architecture, which are growing across traditional academic disciplines in Edinburgh and beyond.

This Symposium will showcase the ongoing and emerging projects of various creative and research activities related to Biological Architecture in the Edinburgh area. It will further energise them through stimulating discussion and debate with the international experts of this fascinating and innovative field. Delegates will explore the value and limitations of learning from nature and develop specific, previously identified, research projects. Outputs will be multifaceted: for example, a list of sociological and philosophical elements to consider, along with a set of design principles to be implemented at the various project phases. A live art exhibition will run alongside the Symposium, which will involve delegates' participation to capture the reactive and emergent nature of Biological Architecture.

The Symposium will help solidify interdisciplinary collaboration by bringing together arts, humanities and sciences to facilitate the emergence of innovative designs and solutions to achieve a more biologically considered society. With this Symposium, a virtual centre or community space will be launched to maintain and strengthen the collaboration between the delegates as well as with the wider community.

Programme:

09.00 Arrival, registration

09.30 Opening Comments

Jamie Davies

09.45 Introduction and recap of BAL so far:

Jane Calvert, Ross Mclean, Jon Marles-Wright, Elise Cachet, Fabio Nudelman.

11.00 Break

11.30 Rob Kessler

12.00 Burton Nitta

12.30 Intro to questions for afternoon for people to consider

12.45 Bernadette Vincent

13.15 Art exhibition, Lunch and Networking

14.15 Workshop session part 1

15.00 Break

15.30 Workshop session part 2

16.45 Closing comments

18.30 First Salon at Summerhall