

Terra Morphosis

Patterns: Terramorphosis II Research Colloquium

In Terramorphosis I, in October 2022 at Lisbon Architecture Triennale, 'Terra', saw morphē, or form as the 'intentionality of matter'. Terramorphosis II, in January 2024 in London, shifts our gaze to patterns (see also Turing's patterns) as what is not beyond, but instead arguably between classical form and modern matter. The colloquium is organized and led by Scott Lash, Shiqiao Li, and Joel McKim.

2024

January 26

0930-1830
Birkbeck College
43 Gordon Square
London WC1H 0PD
United Kingdom

Zoom
<https://zoom.us/j/99950978831>

9:30-12:00 Patterns of Organism

Patterns would seem to be less about models and more about imitation (late Turing). This is true in the West, but even more so in China. To what extent do we live in a society in which governance by number displaces government? Does this include perhaps governance through the combinatorial alphabet of the genome? Is this the era of the genome and the algorithm?

Giuseppe Longo
Paco Calvo
Olga Goriunova

13:00-15:30 Engineering Patterns

Michel Serres wrote of the bio-geological. Here biological patterns are also a question of physics, of engineering, of less genotypical than phenotypical engineering on the interface of system and Umwelt. What about geological patterns? What is their system, their ecology, their temporality? How is this design, this techne, mediated by homo sapiens?

Peter Fratzl
Bernadette Bensaude-Vincent
Patricia Ribault

16:00-18:30 Neural Patterns

Do neural networks recognize patterns or do they project patterns into the world? To what extent can artificial neural networks be biomimetic? What differences exist between machine learning and organic learning, between human and AI language processing and generation? Do artificial neural networks exhibit properties of emergence and creativity? Do they demonstrate an understanding of a human lifeworld?

N Katherine Hayles
Mark Hansen
Wolfgang Ernst

