

Special Issue

Proto-Architecture and Unconventional Biomaterials

Message from the Guest Editors

Leaving the domain of simulation in virtual space, bioinspired and biologically driven architectures are increasingly part of the production of architecture. The idea of creating architectural typologies inspired by and functioning according to natural and biological principles is not just aesthetically intriguing, but also sustainably promising. The convergence of material properties, embedded natural and artificial intelligence with biological and/or digital manufacturing methods may lead to adaptive structural “thinking” geometries. This Special Issue aims at approaching the topic through the application of the biological, digital, structural and social alike resulting in spatial geometry. Biological here refers to the cognitive (Maturana) organic, inorganic, living and non-living. We invite scientists, architects, engineers and artists to reboot architecture by submitting stimulating and visionary original research and articles—proto-architectural, technologically viable—to start understanding the knowledge and possibilities in this field.

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Editor-in-Chief

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