Safra Neuron Screen: Design and Fabrication

Abstract:

This paper (PDF) provides an overview and analysis of research-in-progress on automated facade pattern generation for The Edmond and Lily Safra Center for Brain Sciences. This pattern is derived from accurate microscopic scans of brain tissue and is architecturally reconstructed with implementation of structural and fabrication constraints. A single automated work-flow and pattern reconstruction is presented here.
Figure 14. Scaled 3D printed model of a portion of the screen reconstructed in 3D before attention.

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The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

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