Siddharth	*Paper* **TITLE: The Systemics of (Meta)Design**

Abstract:

Much of our knowledge today is being informed + transformed by the advent of systems' sciences [1], and recent advances in technology & computation. Design, when looked at from trans-disciplinarity and the contemporary systemic view, can be seen as a process of systemic intervention in the evolution of interconnected complex adaptive & dynamic living systems. A successful design-system needs to holistically understand the system/s it is dealing and identify key participatory strategies, which when applied via collectively selected points of intervention, can result in a successful integration/overlay onto the system/s that are being addressed.

Topic: Design-Systems

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This brings us to the notion of MetaDesign [2, 3] Systems, seen as a contemporary design framework for strategic & systemic comprehension + intervention. It is hoped that this paper will attempt to address the following:

-       Evaluate current design methodologies for holistically understanding dynamic living systems

-       Develop strategies for Systemic Intervention, based on current insights & understanding of Systems Sciences. This would include describing collective/ participatory methods of analysis + synthesis, defining intervention points, and evolutionary pathways (& quanta) that constitute a MetaDesign System.

References:

[1] Charles François (1999), Systemics and Cybernetics in a Historical Perspective. in: Systems Research and Behavioral Science, Vol 16, pp. 203–219

[2] Giaccardi, E. (2004). "Principles of Metadesign: Processes and Levels of Co-Creation in the New Design Space". PhD Thesis, University of Plymouth, UK.

[3] Wood, J. (2008), "Changing the Change: a fractal framework for metadesign", a paper given at the conference, Changing the change. Design Visions, Proposals and Tools, 11 July, 2008, University of Turin

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