Call for Papers

Patterns and Spatial Organisation: Culture, History and Future Perspectives
Guest Editors: Yannis Zavoleas, University of New South Wales & Mark Taylor, Swinburne University of Technology

Patterns have had a long association with architecture, from early uses as geometric ordering systems and the recognition of patterns within patterns, spanning across Greek, Roman, Islamic, and many other distinct architectural eras. More recent instances of aperiodic packing recognised non-repetitive and in times unpredictable geometry, whether conveyed through two-dimensional tiling or three-dimensional polyhedra and, in a sense, shifted the diagram from the seemingly static to a responsive and dynamic system. Such advances suggest a moment to revisit the legacy of mathematics and spatial organisation from the perspective of an architectural history and theory, relative to future models and simulations.

The main purpose of this issue is therefore to link advanced technological endeavours with core discourse in architecture and urban design (urbanism) developed since early twentieth century modernism. This will enable a discussion on different logics of spatial development, and how various periods utilised available methods and technologies. This call might draw from links between systemic thinking related to cybernetics, or bioinspired models or topological geometry when formulated as a holistic design approach. This could also include big data collection and analytics, extended modelling, resource management, schema development, and material testing. Much of this has been employed by the contemporary avant-garde, as an intellectual framework to construct both ideology and relevance to the field for architectural, urban and landscape scenarios.

Researchers in architecture are invited to submit articles, specifically attempting to draw links between original practices and other cross-disciplinary areas of scientific and theoretical discourse.

Guidelines for manuscript preparation can be found on the NNJ website: https://www.nexusjournal.com/for-authors/submission-guidelines.html

Submission does not guarantee publication; all submissions will be peer-reviewed before being considered for publication. Reviews of appropriate books and exhibits are also welcome.

- Deadline for submissions for review: December 1, 2019.
- Deadline for submission of final revised manuscript: May 30, 2020.

Submissions should be made via the NNJ Editorial Manager platform (https://www.editorialmanager.com/nenj/default.aspx). In the ‘Enter Comments’ box as part of the submission process, authors should note that the paper is for the special issue on Patterns and Spatial Organisation.

Prospective authors should also email the Guest Editors of this Special Issue directly to notify of their intention (y.zavoleas@unsw.edu.au and marktaylor@swin.edu.au).