Call for Papers

Modelling: Conceiving, Testing, Defining, Convincing

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Modelling in the broadest possible sense refers to the conceptualization of a system using general rules and concepts. More particularly, modelling may refer to the production of mathematical models, physical models and 3D digital models. For mathematical models, we consider systems that allow interpretations of reality and that contribute to visualising new scenarios. For physical models we consider scale models (including full-scale models), that are representations of the actual object. For 3D models, we include virtual representations, by way of digital tools, of any three-dimensional objects.

Although we may consider physical or virtual architectural modelling separately, we should be aware that they tend to converge via digital fabrication processes, which allow for easy production of full-scale models, as is the case of the fabrication of building components. In parallel, VR experiences allow the architect to sense the space as never before, giving him or her more means to preview and improve the design and, at a final stage, to invite users to participate in that experience in a simulation of reality. Modelling, nowadays, also allows designers to develop accurate solutions for structural and functional issues, which contribute to strengthening the comprehensiveness of the architectural design process.

Researchers are invited to submit articles covering these fields, taking into account the role of all kinds of models in the conception, testing, definition and communication of architectural ideas and artifacts. Although we welcome papers covering different historical periods, we encourage a focus on contemporary practices where modelling – either conceptual, physical or virtual – is a key feature.

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 peer review: 15 January 2021
- Notification of reviewer comments: 1 March 2021
- Deadline for submission of final revised manuscript: 1 June 2021
- Deadline for last article sent to production: 24 December 2021 for publication in NNJ vol. 24, no. 1 (cover date March 2022). The editors reserve the right to change the publication schedule if necessary.

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 “Modelling”.

Prospective authors should also email the Guest Editor of this Special Issue directly to notify of their intention (jxavier@arq.up.pt).