

PRO-INNOVATION PROCESS PRODUCTION PRODUCT

AGATHÓN is an *International Journal of Architecture, Art and Design*, included in the ANVIUR list, areas 08 and 10, of Scientific Journals.

The International Scientific Committee, for its issue n. 5 | 2019, which will be published in June, promotes the topic **Pro-innovation | Process Production Product**.

The beginning of the third millennium has marked a period of unprecedented change for cities, architecture and product/visual design. Over the last two decades, economic, social and environmental causes have stimulated and conditioned research and production, directing them towards substantial paradigm changes, proposing new challenges to create more smart, more resilient, more responsive and adaptive, more efficient and more sustainable urban systems, buildings and objects – from near Zero Energy Buildings (nZEB) to Positive Energy Architecture (PEA) – designed and built faster, with lower costs and with a positive effect on the environment, society, health and productivity: more innovative, in a nutshell.

It is a common knowledge that innovation is, now more than ever, the tool needed to recover from the global economic crisis, to aim for economic prosperity and quality of life improvement, to increase productivity, to foster competitiveness, to support the challenge of globalization and environmental sustainability, both at an 'incremental' level (improvement of an already existing production process) and 'radical' (to create a new unmatched method or production system).

In this regard, **AGATHÓN** deals with the subject of **Pro-Innovation | Process Production Product** with the aim of collecting essays and critical reflections, researches and experiments, projects and creations (of

new architectures, recovery and restoration interventions, art and product/visual design) that might be case studies for innovation, sustainability and social inclusion, describing the subject, which may include but is not limited to:

- **Process Innovation:** sequence and organization models, management and control of the process stages; operating methodologies (ideational, design, productive, operational, management and of disposal of the work/product) of the whole life cycle of the artifact; regulations; new professional experts and technical skills; ways to involve professionals and users in the several decision-making stages, etc.;

- **Production Innovation:** tools suitable for the optimization of the different stages of the production process including machines and robots for digital manufacturing (CNC milling, laser cutting, 3D printing, etc.), for prototyping and for prefabrication, relating to analysis and design/simulation software (also with virtual reality) CAD and CAM, BIM, digital, parametric, algorithmic and generative, environmental, structural, energetic and thermal; installation and assembly techniques and technologies, etc.;

- **Product innovation:** smart, advanced, composite, recyclable, sustainable, nanostructured, shape-memory, phase-change, self-repairing, responsive, adaptive, low-cost and high-performance materials/components/objects with a low environmental impact; automation, detection, management and control equipment for performance optimization; 'passive' technologies for efficient casings, including natural ventilation and cooling systems, water collection, storage and recycling, and off-grid renewable energy production.



The future of augmented reality
(credit: www.parametricdesign.com)

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AGATHÓN | 5

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Authors are invited to send an *abstract* (max 4,000 characters, spaces included; references are not included in the counting) in Italian, or in English in the case of a foreign contributor, which must mirror the main contents of the article.

The *abstract* must be written in a concise and clear manner, corresponding clearly to the themes of the Call for Papers. The *abstract* must be accompanied by: Author's references (name, surname, qualifications, affiliation, telephone numbers, e-mail); the section in the Journal (Architecture, Art, Design) in which publication is being sought and the typology of article (Essays & Viewpoint, Research & Experimentation, Reviews Article, Dialogue) that is submitted for publication; 5 keywords that reflect the contents of the paper.

In particular, the Research & Experimentation proposals have to outline:

- originality (what is being expressed for the first time and for whom);
- essay and research references (the background of the study), relevance to theme, subjects involved, financing;
- results (analytical aspects and proposals for discussion);
- limitations of research and significant developments;
- cultural, practical and/or socio-economic implications, wherever present.

In the case of Essays & Viewpoint proposals, attention has to be given to:

- object and aim of the proposed article;
- originality: what is being expressed for the first time and for whom;
- methodological approach;
- essay and research references that reveal the background of the study;
- analytical aspects and proposals for discussion.

The *abstract* submission is possible by the deadline of **February 19th, 2019**, by sending a .doc file to the email address redazione@agathon.it. The Authors of accepted *abstracts* will receive a communication from the Secretary by February 28th, 2019. Once an *abstract* has been accepted, the Authors will be invited to deliver the *paper* within the terms set, i.e. by **April 10th, 2019**. The *paper* must respect the number of 20,000 or 25,000 characters, including spaces, notes and references. 15 images must also be sent via "wettransfer.com".

The Authors of the accepted *papers*, having been reviewed by Referees, will know the outcome by May 3rd, 2019; the final draft of the *paper*, with any parts integrated following recommendations by the Referees, must be presented by **May 10th, 2019**.

Paper, *abstract* and *keywords* must be entirely written both in Italian and in English language while notes, cap-

tions of images, texts of any tables and Author's biography will be published only in English language. The text, references, images and notes, must respect the Editorial Guidelines for Authors, as laid down in the Journal's web-site: www.agathon.it. On the same website, Authors can find the new template (in Word format file) with which to submit the *abstract* and the *paper* both in Italian and English language, the review procedure and the review form of the articles edited by Reviewers.

POLICY FULL OPEN ACCESS – AGATHÓN is a Full Open Access Journal, in the sense that it guarantees that no user, no university library nor individual reader, will have to pay a pay-per-view fee in order to have access to the published contents. Consequently, AGATHÓN gains no income nor profit from the sale of printed issues or the on-line version from pay-per-view fees.

In order to cover the costs of running the Journal and dealing with procedures for assessing manuscripts using a double blind peer-review, AGATHÓN has decided to avail itself of a contribution from the Authors of the individual articles; they are therefore invited to contribute financially towards the editorial services (APC - Article Processing Charge), only if the paper is accepted for publication, after the peer-review process and any potential revision of the manuscript. The contribution for authors of a single paper is set at: € 100 for DEMETRA CE.RI.MED. members; € 150 for not DEMETRA CE.RI.MED. members.

In the case of papers written by more Authors, the article publication fee will be increased by € 50 for each corresponding Author in addition to the first one. The fee must be paid in accordance with the directions that will be sent to Authors at the same time as the communication of acceptance of the paper for publication. The fee must be paid via bank transfer:

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To encourage the publication of contributions by Authors with primary affiliation to Universities and Research Institutions in countries defined by the World Bank as "low-income and lower-middle-income economies", AGATHÓN will select a maximum of two Authors to publish their contribution for free, subject to the positive outcome of the double-blind peer review process.