

Special Issue

Stylistic Design Engineering (SDE)

Message from the Guest Editors

This Special Issue is dedicated to the deepening of research and case studies, related to the issue of innovative design, not only from a technical and engineering point of view, by tackling innovative solutions, but also aesthetically. In particular, the SDE (or the Ramacciotti method) is able to systematize the design process of innovative products and reduce their costs. The industrial challenges of innovation, in form and functionality, can be overcome precisely through the use of the SDE methodology, ensuring that beautiful aesthetic projects are carried out systematically, and with low costs. Possible points of interest and development: SDE—Stylistic design engineering (or the Ramacciotti method) applied to the design of innovative products;

QFD applied to the design of innovative products;

TRIZ applied to the design of innovative products;

Benchmarking applied to the design of innovative products;

Top-flop analysis for the design of innovative products;

Design for disassembly for maintenance;

4.0 Digital prototyping (augmented reality);

4.0 Physical prototyping (additive manufacturing).

Guest Editors

Dr. Leonardo Frizziero

Department of Industrial Engineering, University of Bologna, 40126 Bologna, Italy

Prof. Dr. Giampiero Donnici

Faculty of Mechanical Engineering, University of Bologna, 40126 Bologna, Italy

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Eng
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
eng@mdpi.com

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Prof. Dr. Antonio Gil Bravo

INAMAT²-Departamento de Ciencias, Edificio de los Acebos,
Universidad Pública de Navarra, Campus de Arrosadía, 31006
Pamplona, Spain

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