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Topological Modeling

Guest Editor:

Prof. Dr. Ergun Akleman
Visualization Department, Texas A&M University, College Station, TX 77843-3137, USA

Deadline for manuscript submissions:
closed (20 December 2018)

Message from the Guest Editor

Dear Colleagues,

Topological Modeling is an umbrella term that covers all shape modeling approaches that includes topological modifications. Topological modeling researchers usually borrow some relatively obscure mathematical ideas and turn them into applications to design interesting shapes. Applications include but not limited to modelling orientable 2-manifold surfaces, modeling knots and links, modelling non-orientable 2-manifold surfaces, modeling Seifert Surfaces, designing regular maps, branched covering surfaces, immersions of 3-manifolds, woven and knitted objects, and origami. The subjects also include areas related to shape construction, such as paper unfolding, and physical shape constructions with developable surfaces.

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Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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