



Special Issue on
Shape Modelling, Approximation and Refinability Towards new computational techniques
Applied Mathematics and Computation
 ELSEVIER

The journal *Applied Mathematics and Computation* publishes high-quality original research papers on the construction, analysis and application of numerical methods for solving scientific and engineering problems. It works at the interface between **applied mathematics**, **numerical computation**, and applications of **systems** – oriented ideas to the physical, biological, social, and behavioral sciences, and emphasizes papers of a computational nature focusing on new algorithms, their analysis and numerical results.

As an international journal, AMC is published in a timely fashion in printed and electronic forms. Elsevier does offer alternative open access publishing options.

[Applied Mathematics and Computation | Journal | ScienceDirect.com by Elsevier](http://www.journals.elsevier.com/applied-mathematics-and-computation)
<http://www.journals.elsevier.com/applied-mathematics-and-computation>

We encourage submissions of **full version, journal quality papers**, with topics including, but are not limited to the following:

- Curve and Surface Design,
- Isogeometric Analysis and Methods
- Shape modelling
- Refinability and subdivision,
- Spline approximation,
- Geometry and Shape Processing,
- Wavelets and Multiresolution Methods,
- Applications of geometric methods to industrial computations
- Geometric deep learning
- Computational Imaging
- Mathematical tools in Industrial Design

The purpose of this SI is to address the aforementioned topics by considering in particular papers on numerical computation, new algorithms, their analysis, and their applications, related to the above topics. Camera-ready papers should be maximum 20 pages long. Your manuscript should be submitted as a doc, latex or pdf file to AMC through the EES system, with "**Article Type**" SI: **SMART** in the submission process.

The submission website for this Special Issue is located at: <https://www.editorialmanager.com/amc/default1.aspx>

You are then expected to receive a formal confirmation within one week since the submission, if not, please enquiry the guest editors. All submissions will be peer reviewed according to the procedure of the journal.

Important Dates:

Submission opening:	October 1st,	2022
Submission deadline:	January 31st,	2023
Acceptance deadline(*):	July 30th,	2023

(*) the date by which all manuscripts should be fully reviewed and the final decisions made; those papers that missed the deadline may be excluded and if accepted can be published at a later date.

For manuscript preparation please refer to GUIDELINES FOR CONTRIBUTORS for the journal at webpage:
<http://www.elsevier.com/journals/applied-mathematics-and-computation/0096-3003/guide-for-authors>

Guest Editors:

<p>Prof. Serena Morigi Department of Mathematics, University of Bologna, Bologna, Italy Email: serena.morigi@unibo.it</p>	<p>Prof. Maria Lucia Sampoli Department of Information Engineering and Mathematics University of Siena, Siena, Italy Email: marialucia.sampoli@unisi.it</p>	<p>Prof. Sara Remogna Department of Mathematics, University of Torino, Torino, Italy Email: sara.remogna@unito.it</p>	<p>Dr. Enza Pellegrino Department of Industrial Engineering, Information, and Economics University of L'Aquila, L'Aquila, Italy Email: enza.pellegrino@univaq.it</p>
--	---	---	--