

Special Issue

Development and Applications of Digital Dentistry

Message from the Guest Editors

In recent years, dentistry has moved towards digitalization due to technological developments across all fields. This has also determined the digitization of dental medicine through the appearance of intraoral and extraoral scanning systems, the creation of 3D models, and also the development of accessible digital imaging diagnostic systems with minimal irradiation. Additionally, the design of programs for use in the simulation of treatment plans has brought an improvement in dental medical services. Digital dentistry offers advantages in terms of treatment quality, improved efficiency, reduced time and costs. The integration of digital technology in dentistry has opened up incredible possibilities for minimally invasive fitting solutions to be designed and created in a digital world. 3D images are used both to improve diagnosis and for treatment planning, two areas which significantly improve dental treatment. This Special Issue will be dedicated to review articles and original articles, emphasizing the involvement of current digital techniques in dentistry for diagnosis, planning, treatment, as well as in potential innovative research.

Guest Editors

Dr. Alexandru Nemțoi

Department of Biomedical Sciences, Faculty of Medicine and Biological Sciences, "Stefan cel Mare" University, 13 Universitatii Str., 720229 Suceava, Romania

Dr. Danisia Haba

Department of Maxillofacial Surgery, Faculty of Dental Medicine, "Gr. T. Popa" University, 16 Universitatii Str., 700115 Iasi, Romania

Deadline for manuscript submissions

closed (30 January 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/162009

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

mdpi.com/journal/

[applsci](https://www.mdpi.com/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)