

Surface Properties of Dental Materials and Instruments, 2nd Edition

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Message from the Guest Editors

Dear Colleagues,

Dental materials and instruments are constantly being improved. Additionally, every day, new products are being introduced into the market. This Special Issue will focus on evaluation of antimicrobial, chemical, tribological, and mechanical surface properties of commercially available/experimental dental materials and instruments.

Dental materials and instruments are subjected to microbial biofilm. Therefore, evaluation and enhancement of antimicrobial properties of dental products set new trends in the development of material sciences.

Dental materials such as adhesive systems, composite resins, ceramics, implants, alloys, and acrylic resins are exposed to oral environments and undergo chemical changes and mechanical factors.

Reviews and research on both experimental and commercially available products are welcome.

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Guest Editors



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Special Issue

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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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