



Technologies of Coatings and Surface Hardening for Tool Industry II

Guest Editor:

Prof. Dr. Sergey N. Grigoriev

Department of High-Efficiency
Machining Technologies,
Moscow State University of
Technology STANKIN, 127055
Moscow, Russia

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to provide a review of the current state of the research and developments in the field of coatings and surface hardening technologies for cutting and die tools that can ensure a substantial increase of the work resource and reliability of the tool; an increase in productivity of machining, accuracy, and quality of the machined products; reduction of the material capacity of the production; and other important manufacturing factors. The main emphasis should be on the results of the engineering works that have had success in laboratory or real manufacturing conditions.





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614 Poznań, Poland

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies 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 in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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