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Mechanical Properties and Applications of Advanced Ceramics

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Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear colleagues,

Advanced ceramics, as a new class of ceramic materials with a unique combination of corrosion and wear resistance and high-temperature stability, have a growing application potential for the wear and corrosion protection of different working parts in mining and mineral industries. These working parts have to withstand a continuous flow of hard abrasive particles, often in highly corrosive environments, flowing at high velocities and pressures.

This Special Issue will focus on mechanical properties, resistance to various wear mechanisms, and the factors that affect the chemical stability (i.e., corrosion) of various types of advanced ceramics. It is our pleasure to invite you to submit a manuscript for this Special Issue. Topics on all aspects of corrosion, wear, and mechanical properties of advanced ceramics are suitable for this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. Lidija Ćurković Assoc. Prof. Dr. Irena Žmak Guest Editors













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Message from the Editor-in-Chief

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