



Novel Metal Carbide/Carbonitride Materials

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Message from the Guest Editors

Dear Colleagues,

Metal carbide and carbonitrides are exceptional materials that show outstanding properties, such as high hardness, ultra-high temperature stability, creep resistance, high electrical and thermal conductivity, paramagnetic properties and photoluminescence. In addition to structural applications, metal carbides and carbonitride are very interesting materials for energy conversion and storage, electromagnetic shielding, and catalysts.

It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews that cover all aspects (i.e., synthesis–structure–property relationships, applications and future directions) of metal carbide, metal carbonitride, metal carbodiimide and their composite materials are all welcome.

Dr. Günter Motz
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Message from the Editor-in-Chief

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