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## Spark Plasma Sintering of Materials: Processing and Applications

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Dear Colleagues,

Spark plasma sintering (SPS) technology has attracted much attention not only for the enhancement of consolidation process and capable of producing highly dense materials with smaller grain size and cleaner grain boundaries, but also in exploring the mechanisms underlying fast sintering.

Different from the conventional sintering, SPS involves a pulsed electric current passing directly through the graphite die, by which results in much faster heating rate as well as the controversial contributions from electric field or/and plasma. Like that in hot pressing, SPS also involves the application of a uniaxial pressure for densification promotion.

Thus, this Special Issue, with the title of “Spark Plasma Sintering of Materials: Processing and Applications”, will focus on the frontier researches associated with SPS technology for the materials of ceramics, metals, alloys, amorphous materials, and so on.

It is my pleasure to invite you to submit a manuscript for this Special Issue.

Dr. Wei Ji  
*Guest Editor*



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Special Issue



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## Message from the Editor-in-Chief

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