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## Coatings on Light Alloys Substrate—2nd Volume

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue of “Coatings on Light Metal Substrates” focuses on the significant developments and in-depth understanding in surface engineering technology to modify and improve the surface properties of magnesium, aluminum and titanium alloys for protection in aggressive environments or enhanced functional performance. Under the premise that the substrate is light metal, the scope of contributions is as follows:

- Improvement and breakthrough of surface engineering technology, including cold and thermal spraying, plasma spraying, surface modification by directed energy techniques.
- Engineering application and/or function application of metallic, inorganic, organic and composite coatings.
- Relationships among the processing, the structure and the properties/performance of coatings; the properties/performance contain friction performance, wear resistance, corrosion and oxidation resistance, thermal protection, diffusion resistance, hydrophilicity/hydrophobicity, enhanced multifunctional performance for environmental, energy and medical applications, etc.
- Theory and/or simulation of the preparation, the service or the failure of coatings.



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# Special Issue



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## Message from the Editor-in-Chief

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