

## Special Issue

# Advanced Characterization of Advanced High-Strength Steels for Automotive Applications

### Message from the Guest Editors

This Special Issue entitled, 'Advanced Characterization of Advanced High-Strength Steels for Automotive Applications', explores the in-depth characterization of Advanced High-Strength Steels designed for automotive applications, utilizing advanced characterization techniques such as TEM, APT, XCT, AES, HEXRD, EBSD, and more. It includes thoroughly analyzing the material properties and microstructures found in AHSSs. This Special Issue aims to highlight the latest advancements in techniques for characterizing automotive engineering materials.

Researchers are invited to contribute original research papers and review papers that shed light on the nuanced aspects of AHSSs. Submissions should align with the central theme of advanced characterization. Authors are encouraged to address challenges and opportunities associated with AHSSs, providing valuable insights into the changing terrain of material engineering for the automotive industry. This Special Issue is a platform for sharing knowledge that can contribute to developing more durable, lightweight, and sustainable automotive materials.

### Guest Editors

Prof. Dr. Joseph McDermid

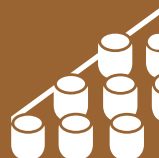
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### Deadline for manuscript submissions

closed (20 November 2024)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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