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Adhesive Bonding Lightweight Materials in Modern Vehicles Construction

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Deadline for manuscript
submissions:

closed (30 July 2021)

Message from the Guest Editors

The Special Issue aims to represent a platform for researchers, in both academia and industry, in order to disseminate their ideas and most recent results in this area. In particular, original research articles and review papers are welcome, and topics include, but are not limited to, the following subjects:

- The adhesive bonding of metals, polymers, and fiber reinforced composites, including hybrid joining techniques;
- Surface pre-treatments for metals and polymers, including mechanical, chemical, and physical treatments;
- Formulation and characterization of novel adhesives, including graded and mixed adhesives;
- Mechanical characterization techniques for adhesives and adhesive joints, including the assessment of strength, fracture toughness, and long-term durability;
- Structural health monitoring techniques;
- Modeling techniques, including the analytical and numerical models for the analysis of strength and fracture toughness under static and/or dynamic loading;
- Development and characterization of dismantlable adhesives for the recycling of structural materials.





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Editor-in-Chief

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Message from the Editor-in-Chief

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