Call For Papers

A new Special Issue Advanced and Sustainable Light Weight Solutions for Automotive & Aerospace Sector: Metals & Non–Metals (http://www.ijmsa.org/sinfo/123037) has been launched in International Journal of Materials Science and Applications (http://www.ijmsa.org). This Special Issue intends to collect research achievements concerning Automotive & Aerospace Solutions. Novel insights as well as fundamental research on the topics are warmly welcomed. Your submissions along with your ingenious works are expected.

Lead Guest Editor

Lead Guest Editor: Vikrant Garud
Affiliation: School of Automobile, Symbiosis Skills and Open University, Kiwale, Pune, Maharashtra, India

Paper Submission

Potential authors are humbly requested to submit an electronic copy of their complete manuscript via http://www.ijmsa.org/submission

Topics of Interest Include (but not limited to):

- Advances in forging technology for light weighting of Automotive Components
- Light weighting through 3D Printing and its application for Automotive Components
- Challenges in Manufacturing: Ti, Al & Mg Automotive Components
- Advances in Design technology and its application for light weighting of automotive components
- Light weighting of Automotive Electronics Components
- Joining of Automotive structures by clinching and self-Pierce Riveting
- Low cost Titanium for Engine Components
- Light weighting through structural Polymers
- Opportunities in light weighting of Electric Vehicles
- Light weighting of electric vehicle’s battery unit
- Bio-fabric/Bio-material, biopolymers and Foams for seats
- Development of mono-material processes for multi-materials for multi-point joining
- Application of Metal injection molding for Manufacturing Automotive Components
- Application of Additive layer manufacturing for Manufacturing Automotive Components
- Light weighting Through Joining Technology
- Advances in modelling tools: Multi-material load-bearing structures
- Advances in joining Dissimilar Automotive materials
- Advances in Hydroforming of Auto Components
- Light weighting Through Ultra High Strength Steels
Important Dates
Submission Deadline: Jul. 30, 2020
Publication Deadline: Sep. 30, 2020

Join as Guest Editor
For scholars who have intention to join the special issue as guest editor, please check out the link below:
http://www.ijmsa.org/jsgt/123037