

Interesting calls:

Green Vehicles

LC – GV – 06 – 2020 – Advanced light materials and their production Processes for automotive applications

LC – GV – 08 – 2020 – Next generation electrified vehicles for urban and Suburban use

About

An engineering consultant with 20 years of experience in the field of analysis. While using analytical calculations and FEM & CFD.

The areas of analysis are:

1. Structure - Static & Dynamic for all types of materials (including composite)
2. Thermal
3. CFD - Flow & Thermal
4. Coupled - Structure / Thermal / Flow

The added value

1. Experience in analyzing and approved of lightweight structures
2. Knowledge and ability in proof of feasibility of products and technologies (For example - Railway car body - next generation - Horizon 2019)
3. Experience in vehicle analysis

Types of companies for collaboration

1. Vehicles design companies
2. Vehicles manufacturing companies



Engineering consulting
FEM & CFD

Static, Dynamic, Thermal and Flow analysis
Coupled analysis: Structure, Thermal, Flow

- Structure Analysis – Static, Dynamic, Linear, Non-linear
- Flight vehicles structure – UAVs, regular & personal vehicles
- Composite materials structure (gas tank, pipelines, etc)
- Plastic, Medical & Mems devices
- Earthquake – special structures
- Thermal Analysis of – conduction, convection & radiation
- HVAC – screen walls, parking & tunnel ventilation
- Wind flow – high rise, domes, etc
- Clean tech – wind turbines, solar energy, etc

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