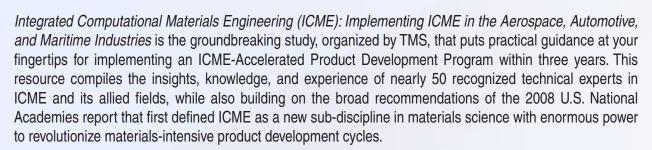
Find Out How to Accelerate the Development of Advanced Materials

Download your free copy of:

Implementing ICME in the Aerospace, Automotive, and Maritime Industries

at www.tms.org/ICMEstudy



Report Highlights

- Definition and description of the fundamental building blocks needed to implement an ICME-Accelerated Product **Development Program within three years** for the automotive, aerospace, and maritime sectors, but portable to other industries
- Frameworks that include flow diagrams and extensive tables detailing: necessary actions throughout the product development cycle; entry and exit points of the ICME portions of the cycle; suggestions for computational models and tools to use at various steps; necessary skill sets and personnel; and key decision points.
- In-depth recommendations for addressing ICME implementation issues that cut across all industrial sectors. These include building a business case for ICME, effectively integrating design into the manufacturing and materials development process, and issues related to verification and validation.
- Identification of more than 50 near-term application *opportunities* for implementing ICME in the aerospace, automotive, and maritime industries.

Who Should **Read the Report?**

Integrated Computational

Materials Engineering (ICME): Implementing ICME in the Aerospace,

Automotive, and Maritime Industrie

The report is useful for a broad variety of stakeholders within and beyond the materials community:

- · Professionals and leaders in the aerospace, automotive, and maritime industries.
- Professionals in other materialsintensive industries.
- University professors, researchers, students, and higher-level managers.
- · Government scientists and engineers, program officers, and policy makers.

TMS

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