

## **Convergence of Technologies in Manufacturing, Mechanics and Materials**

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### **ABSTRACT**

An overview on converging technologies that are the primary drivers of the 4th Industrial Revolution will be presented, followed by the new developments in advanced manufacturing, nano-, bio-, information-technologies and cognitive sciences. Convergence of these transformative technologies will be discussed.

Emphases are on advanced manufacturing, nano mechanics/materials, smart materials, multi-scale problems and simulation methods.