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Journal of Computational Design and Engineering(JCDE) is a new peer-reviewed international journal that aims to provide academia and industry with a venue for rapid publication of research papers reporting innovative computational methods and applications to achieve a major breakthrough, practical improvements, and bold new research directions within a wide range of design and engineering. JCDE welcomes and acknowledges high quality original research papers from all disciplines.

Topics of interest but are not limited to:

- Field specific issues in mechanical, aerospace, shipbuilding, industrial, architectural, plant, and civil engineering as well as industrial design
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- Computer graphics, virtual and augmented reality, and scientific visualization
- Human modeling and engineering, user interaction and experience, HCI, HMI, human-vehicle interaction(HVI), cognitive engineering, and human factors and ergonomics with computers
- Knowledge-based engineering, intelligent CAD, AI and machine learning in design, and ontology
- Product data exchange and management, PDM/PLM/CPC, PDX/PDQ, interoperability, data mining, and database issue
- Design theory and methodology, sustainable design and engineering, concurrent engineering, and collaborative engineering
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- Finite element analysis, optimization, meshes and discretization, and virtual engineering
- Bio-CAD, Nano-CAD, and medical applications
- Industrial design, aesthetic design, new media, and design education
- Survey and benchmark reports

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