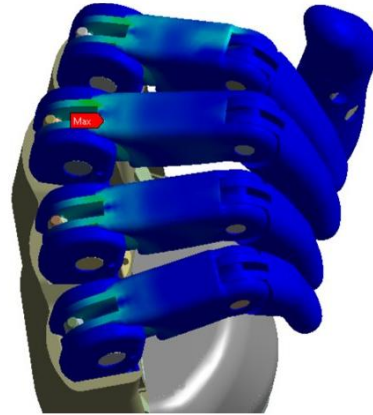
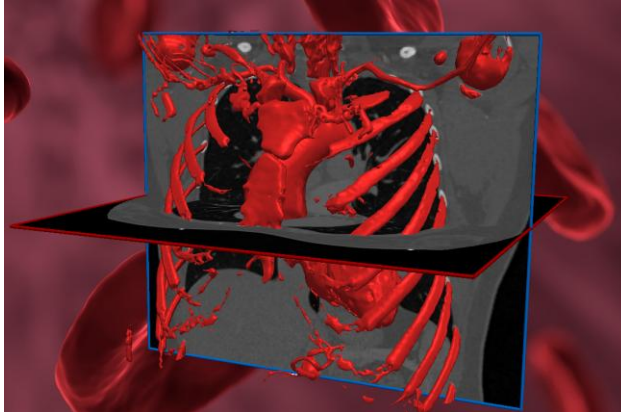


Integrity of biological mechanisms and structures



The International Symposium on Bio-Structures Integrity will be part of the 6th International Conference on Structural Integrity (ICSI2025), to be held on the picturesque Madeira Island, Funchal, Portugal, from 1 – 4 September 2025.

This symposium will provide a platform to discuss recent advancements in the structural integrity and performance of biomedical devices, biological and bio-inspired systems. Contributions are encouraged from both academic and industrial researchers focusing on experimental, theoretical, and numerical studies in the following areas:

- Biomechanics and integrity of biological tissues
- Structural integrity of bio-implants and prosthetics
- Prosthetics' mechatronic structural integrity
- Damage mechanics in biological systems
- Bio-inspired materials and structures
- Numerical modelling of biological systems
- Experimental techniques for bio-structures analysis
- Fluid-structure interaction in biological systems
- Dynamic response and fatigue of biological and bio-materials
- Biocompatible materials integrity

All contributions, in the form of extended abstracts, will undergo peer review by the ICSI2025 Scientific Committee. Selected full papers will be published in a special issue of a renowned journal following an additional review process.

Symposium Organizers:

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