

WHAT MECHANICS CAN DO FOR YOU

AN ENGINEER'S PERSPECTIVE ON INNOVATION IN MEDICINE

- Lecture by Prof. Dr. Edoardo Mazza
- Saturday 11:30-12:30 Biozentrum
- Description:

Modern approaches to mechanical analysis have opened new opportunities for innovation in diagnostics and treatment. The presentation will provide examples of our research and its impact on medical applications, e.g. in diagnosis based on non-linear elastography, risk minimization in fetal surgery, biocompatibility of mesh implants, endothelialization of cardiovascular devices, patient specific outcome prediction of TAVI, or mechanobiology of wound healing. The objective is to provide medical students with insights on the opportunities offered by transdisciplinary research and inspirations for their future contributions to medical innovation.