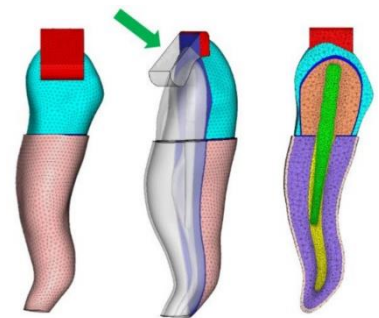




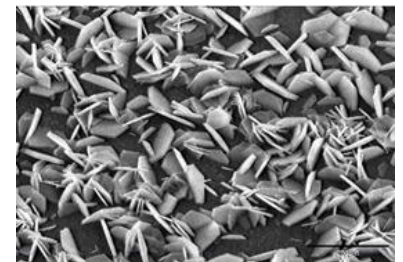
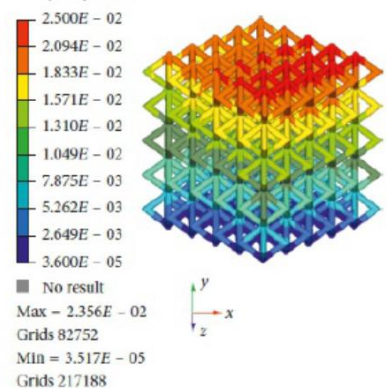
# Design and Materials

## Research Topics

- Design of biomimetic structures by Additive Manufacturing (AM) technique
- Computer - aided design (CAD) and finite element (FE) analysis of biomedical metal devices.
- Tailoring of mass transport and mechanical properties of additively manufactured structures.
- Nanomaterials synthesis
- Layered Double Hydroxides synthesis, characterization, morphological analysis, growth mechanism investigation
- Materials of interest for fusion reactors (tungsten, ferritic steels)



Contour plot  
Displacement (Mag)  
Analysis system



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