ACADEMIC QUALIFICATIONS

- **B.Eng.** (Mech.) University of Besancon, France (2010)
- **M.Eng.** (Mech.) University of Grenoble, France (2012)
- **Ph.D.** (Mech.) University of Grenoble, France (2017)

EXPERTISE

Design for Additive Manufacturing
Mechanical Engineering Design

RESEARCH GROUP

- Computational and Experimental Mechanics (CEM)

For list of publications and current research grants, please click UKM Sarjana.
UKM Sarjana

CONTACT

PHONE:
+603-8911 8405

EMAIL:
hadi.azman@ukm.edu.my

WEBSITE:
https://ukm.my/hadiazman

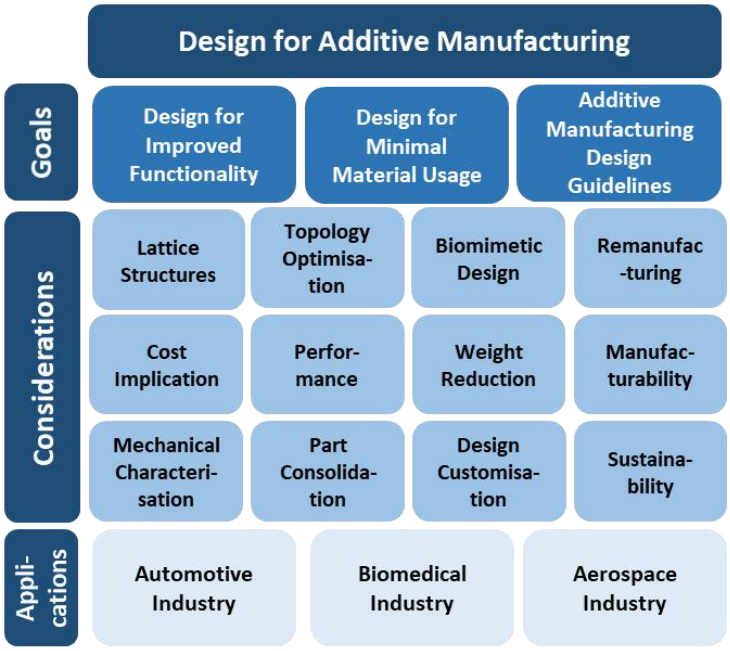
ABDUL HADI AZMAN

Senior Lecturer (Dr.)

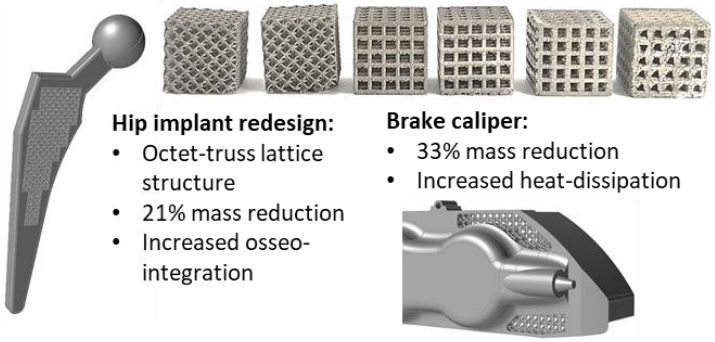
RESEARCH

Main research area is in Design for Additive Manufacturing (DfAM): Lightweight high-strength part designs for Additive Manufacturing (AM) through the integration of lattice structures and topology optimisation. Research interests also includes investigating new CAD file formats for AM, Design for remanufacturing in DfAM, fatigue behaviour of lattice structures, bone implant and brake caliper design optimisations with AM, FEA and experimental characterisation of lattice structure mechanical properties.

RESEARCH AT A GLANCE



Octet-truss & cubic lattice structures



Hip implant redesign:

- Octet-truss lattice structure
- 21% mass reduction
- Increased osseo-integration

Brake caliper:

- 33% mass reduction
- Increased heat-dissipation