

## Post-Graduate Program in Material Integrity for Engineering



## **DSc.** Maria Alzira de Araújo Nunes



maanunes@unb.br www.labnvh.unb.br

## **Areas of Interest**

- Industrial, automotive, aeronautical/aerospace Acoustics.
- Noise control using passive and active methods.
- Acoustic Materials.
- Mechanical Vibration/Modal Analysis.

## **Current Research**

- Active noise control in acoustic ducts.
- Passive noise control using acoustic filters.
- Occupational vibrations in the human body.
- Structural integrity monitoring using vibration analysis.
- Sustainable acoustic materials.
- Modal synthesis components in acoustic and vibration.



