

**Special requirements for the candidate for PhD position**

**on “Sound insulation of building envelope components based on acoustic metamaterials”**

Despite the requirements listed in the “Vacancy Description” the candidate we are looking for is someone who:

- has solid basis in physics and fundamentals of acoustics
- knows the mechanisms and phenomena occurring in structures and understands the reasons for their appearance
- has at least basic experience in writing scripts (e.g. Matlab)
- has experience in simulations (e.g. COMSOL)
- would take as an advantage to work in both scientific and business environments, and is attracted to work in industry
- takes the initiative
- is self-dependent, responsible and adaptive
- is open to people and to new challenges.

Major benefits of the project:

- joint PhD degree awarded at KU Leuven and STU
- joining a great network in the field of sustainable materials
- opportunity to perform research in commercial acoustic lab center with an exceptional range of modern measurement equipment, software and techniques
- opportunity to cooperate in parallel with company's R&D department

And many others.