

COME and Civil Eng. students welcome!

## Master Thesis

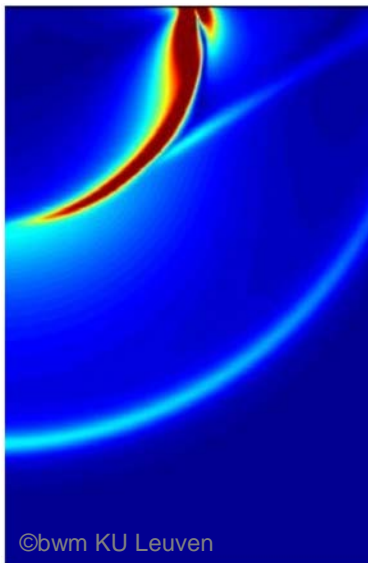
# Erasmus at KU Leuven for a Master Thesis on Dynamics of Structures

## Motivation

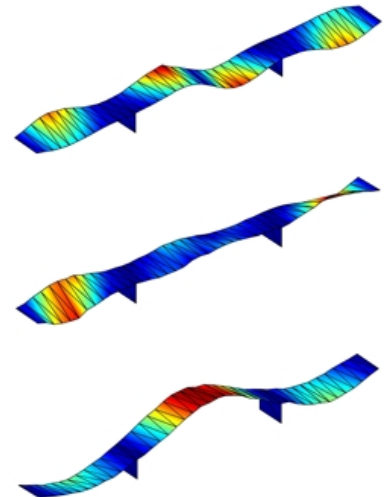
Thanks to the bilateral agreement between the TUM and the KU Leuven and to the collaboration between the Chair of Structural Mechanics of the TUM and the corresponding institute at the KU Leuven, you have the chance to carry out your thesis project abroad under the supervision of excellent scientists.

The Structural Mechanics Section of the KU Leuven in Belgium (<https://bwk.kuleuven.be/bwm>) is offering topics for master theses in the field of structural mechanics, with emphasis on vibro-acoustical problems.

Besides being involved in a very interesting research project, you can experience a different learning environment and gain international and intercultural competencies.



<https://bwk.kuleuven.be/bwm>



## Offered Topics

- Dynamics of structures, dynamic soil-structure interaction, wave propagation.
- Vibrations in the built environment.
- Vibration based structural identification and evaluation.
- Building acoustics.
- Computational structural engineering.
- Shape and topology optimization

**Application:** Please send your CV and your academic records to Francesca Taddei ([francesca.taddei@tum.de](mailto:francesca.taddei@tum.de)).

**Supervisor:** KU Leuven: prof.dr.ir. Geert Degrande, prof.dr.ir. Geert Lombaert, prof.dr.ir. E. Reynders, prof.dr.ir. Stijn François

TU München: prof.dr.ir. Gerhard Müller, dr.ir. Francesca Taddei