



Gaëtan Abeloos
gaetan.abeloos@uliege.be

Born February 5th 1996

Space Structures and
Systems Laboratory
Building B52/3
Quartier Polytech 1
Allée de la Découverte 9
4000 Liège 1
Belgium

Gaëtan Abeloos

PhD candidate in Aerospace Engineering

Education

2018 - 2022, University of Liège, Belgium

PhD candidate: experimental identification of nonlinear structures under the direction of G. Kerschen and C. Collette. Funded by FRIA from FNRS.

2016 - 2018, University of Liège, Belgium

Master in aerospace engineering (Magna Cum Laude). Master's thesis: rotor-stator interaction in LP compressors under the direction of J.-P. Ponthot (19/20).

2013 - 2016, Catholic University of Louvain, Belgium

Bachelor in engineering (Cum Laude).

Experience

Oct. - Dec. 2018

Teaching assistant at ULiège.

Feb. - Jun. 2018

Internship at Safran Aero Boosters: FE computational engineering.

2017

Student instructor at ULiège.

Skills

Engineering

- Control engineering
- Nonlinear finite elements
- Nonlinear dynamics
- Experimental vibrations
- Optimization methods
- Fluid dynamics

Nonlinear vibrations

- Control-based continuation
- FNSI method
- Harmonic balance method
- Stability analysis

Languages

French

Native (C2)

English

Proficient (C1)
IELTS 2016 : 8.0/9

Dutch

Intermediate (B2)

Miscellaneous

Interests

Space, astrophysics, modern physics, technology, history, geography, philosophy, arts.

Hobbies

Music (qualified saxophonist; harmonica; piano), indoor and outdoor climbing, sailing, cinema.