



VRIJE
UNIVERSITEIT
BRUSSEL

OR



UNIVERSITÉ
LIBRE
DE BRUXELLES

Prof. Christophe COLLETTE

Curriculum Vitae

(Max. 2 pages)

Short CV

Career breaks

Education

Courses

Mechatronics II (3 credits) – 2 MA Bruface

Scientific profile

- Profile information: ORCID ID: <https://orcid.org/0000-0002-4430-3703>

Personal website: www.pmlab.be

ISI-ranked journal papers:

Peer-reviewed conference papers:

Citations (Scopus): 38615

h-index (WoS): #

h-index (Scopus): **60**

h-index (Google): **74**

Five main publications

- [1] COLLETTE C., CHESNE S., Robust hybrid mass damper. *Journal of sound and vibration*. vol.375, 19–27, 2016.
- [2] ABBOTT B. P., ABBOTT R., et al. Observation of Gravitational Waves from a Binary Black Hole Merger. *Physical review letters* vol.116, 061102, 2016.
- [3] CHESNE S., MILHOMEM A., COLLETTE C., Enhanced damping of flexible structures using force feedback. *Journal of guidance, control, and dynamics*. vol.39, 1654-1658, 2016.
- [4] COLLETTE C. and MATICHARD F., Sensor fusion methods for high performance active vibration isolation systems, *Journal of sound and vibration*, 2015, vol.342, 1-21.
- [5] COLLETTE C., TSHILUMBA D., FUEYO-ROSA L. and ROMANESCU I., Conceptual design and scaled experimental validation of an actively damped carbon tie rods support system for the stabilization of future particle collider superstructures, *Review of Scientific Instruments*, 2013, vol.84(2), 023302.

Other scientific output and impact (only mention most relevant)

Research projects

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Research grants

...

Published books

....

Commenté [PS1]: Only relevant headings have to be listed, other ones can be removed

Commenté [PS2]: Optional

Editor of standards

...

Awards

2015 : UAE-USA Alumni ULB

2016 : [Special Breakthrough Prize in Fundamental Physics](#) for the LIGO Scientific Collaboration

2017: [UK Royal Astronomical Society 2017 Group Achievement Award in Astronomy](#), for the direct detection of gravitational waves by the LIGO detectors

Etc

...

Commenté [PS3]: Only relevant headings have to be listed, other ones can be removed

Valorization experience and industrial collaboration

Industrial collaboration with

Enumerate companies and potential topics on which was collaborated

Patents

Number of patent families + some examples

Standardization

Activities and outputs

Spinoff companies and technology licensing

Enumerate spin-off companies

Societal services

...

Etc.

Commenté [PS4]: Only relevant headings have to be listed, other ones can be removed