



**UNIVERSITY OF BRASILIA  
DEPARTAMENT OF MECHANICAL ENGINEERING  
GROUP OF DYNAMIC SYSTEMS**

**Call for applications for Postdoctoral position**

The Group of Dynamical Systems (GDS) (<http://www.gds.unb.br>) has 1 (one) position open for a postdoctoral position in the area of **DYNAMICS AND VIBRATION OF WIND TURBINES**, in the Department of Mechanical Engineering of the University of Brasilia (ENM/UnB).

The position is to work in a project funded by CNPq, specifically with modeling of dynamical systems and vibration control applied to offshore wind turbines. The researcher will have the opportunity to collaborate with outstanding research groups in Brazil, Poland and India.

The candidate should have a doctorate degree in Mechanical Engineering or similar.

Knowledge and experience on finite element modelling, wave propagation, periodic systems, estimation methods and inverse problems, non-linear dynamics and/or flow induced vibration are desired. Knowledge of Python and fluent English are mandatory.

The scholarship is of R\$ 4.000,00 with 12 months of duration.

**The interested should send the following documents to [alinedepaula@unb.br](mailto:alinedepaula@unb.br), [marcelam@unb.br](mailto:marcelam@unb.br) and [fabro@unb.br](mailto:fabro@unb.br) until **15/02/2023****

- 1) A detailed CV with research experience and average graduate degree results
- 2) A motivation letter detailing how your research profile and interest relate to the project.
- 3) recommendation letter from researcher or professor.

An online interview shall be scheduled after the evaluation of the documents.