



**Dipartimento
Meccanica
Matematica
Management**

MUR
Dipartimento
di Eccellenza
2018-2022
2023-2027

Bari (Italy), September 5th 2024

To whom it may concern

I confirm that Dr. Óscar Libardo Rodríguez Montaña has been employed at the Department of Mechanics, Mathematics and Management of the Politecnico di Bari, as a Professional Research Fellow. He has been working under my direct supervision with full-time dedication since January 2023 and remains in this position to date. In all this period of collaboration I had the opportunity to appreciate the skills and capabilities of Dr. Rodríguez. He is a highly motivated and trustworthy person, and he takes great interest in the different subjects that he is working at, always striving for excellence.

During his tenure, Dr. Rodríguez has demonstrated solid foundations in the areas of Mechanical Engineering, Theoretical Solid Mechanics, Biomedical Engineering, Applied Mathematics, and Numerical Methods. His key responsibilities during the mentioned period include:

- Modelling, design, simulation and optimization of scaffold structures for biomedical applications.
- Computer Aided Design (CAD) and Computer Aided Engineering (CAE).
- Script development for automating design and modelling processes.
- Scientific computation, data processing, data visualization and analysis through programming and the use of numerical methods.
- Biomechanical and mechanobiological modelling and analyses.
- Auxetic structures modelling and analyses.
- Advising on Master's Degree Theses.
- Conducting patent analyses.
- Writing scientific publications in internationally reputed journals.

Dr. Rodríguez has consistently shown dedication and expertise in his field, contributing significantly to our projects. I would be glad to provide you with any additional information you might require.

Yours Sincerely,

Antonio Boccaccio, PhD
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