

## Giovanni Iarriccio

### 1. Current position

Fixed-term researcher under art. 24 c. 3 lett. A (SSD ING-IND/13: Applied Mechanics) at the Vibrations and Powertrain Lab of the Engineering Department "Enzo Ferrari", University of Modena and Reggio Emilia, where he studies the behavior of mechanical systems in the presence of nonlinearities using both theoretical and experimental approaches. He is financially supported by "Ecosystem For Sustainable Transition of Emilia-Romagna" – ECOSISTER - Spoke 2 "Clean energy production, storage and saving" (CUP: E93C22001100001)

### 2. Research fields

- Stability and Nonlinear Dynamics
- Thin-walled structures (cylindrical shells, spherical caps, plates)
- Metamaterials
- Fluid-Structure interaction
- Experimental analysis

### 3. Educations

- PhD in Industrial and Environmental Engineering (SSD ING-IND/13), 16/03/2021, University of Modena e Reggio Emilia. Thesis: "Nonlinear Vibrations of Spherical Caps". Tutor: Prof. Francesco Pellicano.
- Master's degree in Vehicle Engineering (LM-33), 24/10/2017, University of Modena e Reggio Emilia, score 107/110.
- Bachelor's degree in Mechanical Engineering (L-9), 10/12/2014, University of Modena e Reggio Emilia, score 103/110.

### 4. Publications

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