



UNIVERSITÀ POLITECNICA DELLE MARCHE

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School of Engineering  
Computer and Automation Engineering Degree Course

**Controllo Robusto Vincolato di Carroponti Mirato  
alla Riduzione delle Oscillazioni Del Carico**

**A Robust Control Architecture for Minimizing the  
Oscillations in the Fast Response of a Gantry Crane  
Control System**

Supervisor:

**Chiar.ma Prof.ssa Valentina**

**Orsini**

*Valentina Orsini*

Co-Supervisor:

**Prof. Leopoldo Jetto**

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Candidate:

**Pietro Bonsanto**

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Academic Year 2020-2021