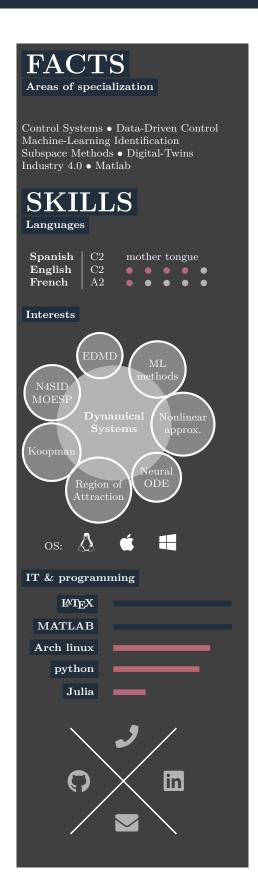


# **CAMILO GARCIA-TENORIO**

Dr. of Engineering Sciences / Mechanical and Mechatronic Eng.



# SHORT RESUMÉ

2020-2023 Post-Doctoral Researcher

Researcher · Université de Mons

Data-driven (Machine Learning) model and control of Industrial lime production. Python and Matlab algorithm based on EDMD.

2015-2021 Ph.D. Candidate

> Extended dynamic mode decomposition • Koopman operator • Regions of attraction • Nonlinear models • Model predictive control •.

2010 - 2015Lecturer, Automation Salesman, Teaching Assistant, Project Manager

Various Positions · Colombia ▼

Control systems lectures • Quote and sell automation solutions • Laboratory and complimentary lectures • Automate banking solutions • Manage post-sales activities.

## Degrees

Philosophical Doctor in Engineering Science

Pн.D. · Umons/Unal · Bel/Col **±** 

2014 Master of science in Electronic Engineering

M.Sc. · Los Andes · Colombia 🏛

2010 **Electronic Engineer** B.S. · Los Andes · Colombi 🏛

### Hobbies





Tennis Readig





Cycling

HIIT

# CERTIFICATES & Grants

2021 Artificial Intelligence

Sales Management 2014

2010 Project Management

### Strenghts

autonomous focused resilient adaptable communication

### References

Prof. Alain Vande Wouwer Prof. Eduardo Mojica Prof. Alexandre Mauroy

## **Publications**

Evaluation of the Regions of At $traction \ of \ Higher-Dimensional$  $Hyperbolic \ \ Systems \ \ Using \ \ Ex$ tended Dynamic Mode Decomposition·Automation(4(1)p.57–77).

A Matlab Toolbox for Ex-2022 tended Dynamic Mode composition Based on Or $thogonal \quad Polynomials \quad and \quad pq$ Quasi-Norm OrderReduction·Mathenatics(10(20)p.3859).

### Talks

May. 2023 "Development of Accurate and Tractable Edmd Ap-

proximations for Analysis and Control", at: SIAM-DS in Portland, Oregon.

Camilo Garcia Tenorio in









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