José Luis Vilchis Medina

PhD. in Computer Science [a]
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a. (Artificial Intelligence)

Current Position

Sep–2018 / July–2019	**Aix-Marseille Université** **L**aboratoire d'**I**nformatique et **S**ystèmes (LIS) *Bachelor in Computer Science.* **Teaching–Research, ATER (192h)**	**Marseille, France**

Subjects of Research

- *Knowledge Representation and Reasoning*
- *Non-monotonic Reasoning*
- *Autonomous Systems*
- *Reasoning under Uncertainty*
- *Default Logic*
- *Embedded Systems*

Education

October/2015–December/2018	**PhD. in Computer Science** **L**aboratoire d'**I**nformatique et **S**ystèmes (LIS) CAlcul NAturel team **Title :** *Modeling of Resilient System in Default Logic. Application to Solar Power UAV.* **Supervisors :** Pierre SIEGEL and Andrei DONCESCU	**Marseille, France**
September/2015	**M.Sc. in Electrical and Automation Engineering** INP-ENSEEIHT **Option :** Control, Decision and Critical Computing Systems **Title :** *Design of a versatile electronic demonstrator for the measurement of displacements by optical re-injection in a laser diode, with control of the emitted beam.* **Supervisors :** Julien PERCHOUX and Antonio LUNA ARRIAGA	**Toulouse, France**
August/2012	**B.Sc. in Electronics Engineering** Universidad Autónoma de Baja California **Option :** Control Systems - *with Honors* **Final Project :** *Design of an embedded system for agricultural applications.*	**Ensenada, Mexico**

Teaching

October–December/2017	**Embedded Systems (20h)–Master 2** Aix-Marseille Université	**Marseille, France**
September–November/2016	**Embedded Systems (20h)–Master 2** Aix-Marseille Université	**Marseille, France**
February–April/2016	**Synchronous Microcontrollers Programming (30h)–Bachelor L1** Aix-Marseille Université	**Marseille, France**

Others Research Projects

February–March/2014	**Internship – Final Project** LAAS-RAP **Project :** Binaural localization of sounds from multiple sources in Robotics, C language. (Hearing in robotics)	**Toulouse, France**
January–February/2014	**Internship – Long Industrial Project** INP-ENSEEIHT **Project :** Collaboration with Continental AUTOMOTIVE FRANCE, for the study of hybridization strategies for a Road Vehicle. Modeling and control of the two chains.	**Toulouse, France**

Speeches

January/2017	**L'École Jeunes Chercheurs et Chercheuses en Informatique Mathématique** ENS-Lyon	**Lyon, France**
June/2017	**Seminar CANA, LIS** Modeling a Resilient System using Non-monotonic Logic. *Campus Luminy*	**Marseille, France**
July/2017	**Journées Francophones sur la Planification, la Décision et l'Apprentissage pour la Conduite de Systèmes** PFIA 2017	**Caen, France**
November/2017	**Seminar LIRICA, LIS** Non-monotonic Reasoning and Uncertain Decision-Making : Application to an Autonomous Glider. *FRUMAM, Campus St. Charles*	**Marseille, France**

Languages

Spanish Mother tongue	**English** Advanced level	**Français** Advanced level	**Portugais** Basic-Intermediate level

Technical Skills

Text editor : LaTeX, Vim ; **Programming languages :** Prolog, C/C++, Python, Bash, PHP, MySQL, MATLAB ; **OS :** mac, Linux, Windows ;

Academic References

Pierre SIEGEL pierre.siegel@lis-lab.fr dblp	**Laboratoire d'Informatique et Systèmes** Marseille, France
Andrei DONCESCU andrei.doncescu@laas.fr Google Scholar	**LAAS – CNRS** Toulouse, France