

Alex Nowak-Vila

CONTACT	e-mail: alex.nowak-vila@inria.fr website: https://www.di.ens.fr/~anowak/
RESEARCH INTERESTS	Structured prediction, statistical learning theory, kernel methods, convex optimization.
EDUCATION	INRIA & École Normale Supérieure , Paris, France <ul style="list-style-type: none">• PhD Candidate in Machine Learning, SIERRA Team Oct 2018 - Advised by <i>Francis Bach</i> and <i>Alessandro Rudi</i>. École Normale Supérieure Paris-Saclay , Cachan, France <ul style="list-style-type: none">• MSc Mathématiques, Vision et Apprentissage 2017 - 2018 Universitat Politècnica de Catalunya, UPC , Barcelona, Spain <ul style="list-style-type: none">• BSc Mathematics, FME 2012 - 2017• BSc Physics Engineering, ETSETB 2012 - 2017
EXPERIENCE	INRIA , Paris, France <ul style="list-style-type: none">• Research Internship, SIERRA Team Apr 2018 - Sep 2018 Advised by <i>Francis Bach</i> and <i>Alessandro Rudi</i>. Topic: Structured prediction. Courant Institute, NYU , New York City, United States of America <ul style="list-style-type: none">• Research Internship, Math and Data Group Sep 2016 - Jun 2017 Advised by <i>Joan Bruna</i>. Topic: Inverse problems with graph neural networks. The Institute of Photonic Sciences, ICFO , Barcelona, Spain <ul style="list-style-type: none">• Research Internship, Quantum Nano-mechanics Lab Jul - Dec 2015 Advised by <i>Adrian Bachtold</i>. Topic: Mechanics a carbon nanotubes.
PAPERS	Nowak-Vila, A. , Bach. F., Rudi. A. "Sharp Analysis of Learning with Discrete Losses", AISTATS 2019 Okinawa Nowak-Vila, A. , Folqué, D., Bruna, J. "Divide and Conquer Networks", at <i>ICLR 2018 Vancouver</i> Nowak-Vila, A. , Villar, S., Bandeira, A. and Bruna, J. "A Note on Learning Algorithms for Quadratic Assignment with Graph Neural Networks" at <i>PADL ICML'17 Sydney</i>
AWARDS	La Caixa Fellowship : PhD funding. 2018 - 2020 Cellex : Scholarship for the NYU research internship. 2016-2017 ICFO : Scholarship for the summer research internship. Summer 2015 CFIS : Scholarship for BSc in Mathematics. 2012-2017
LANGUAGE SKILLS	Catalan : Mother tongue. Spanish : Mother tongue. French : Bilingual. English : Bilingual.