

Alex Nowak-Vila

| | | |
|---------------------------|---|--|
| CONTACT | e-mail: alex.nowak-vila@inria.fr Tel: +33 628832649 website: https://www.di.ens.fr/~anowak/ | |
| RESEARCH INTERESTS | Structured Prediction, Optimization, Causal Inference. | |
| 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. , 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> | |
| | Tavernarakis, A., Stavrinadis, A., Nowak-Vila, A. , Tsioutsios, I., Bachtold, A., Verlot, P. "Optomechanics with a hybrid Carbon Nanotube Resonator", at <i>Nature Communications, 2018</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. | |