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Scalability and uncertainty of Gaussian processes

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Here comes the part I have been dreading to write for so long. Not that I do not feel thankful in any way, but I have always feared to forget to mention anyone. Indeed, I consider the completion of this thesis is not only my own work, but the collaboration of all the people in my life.

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Curriculum Vitae

Mohamed Amine Hadji was born on August 15, 1993 in Algiers, Algeria. After attending high school in Algiers, he started his bachelor in Applied mathematics and Operation Research in 2011 at the University of Science and Technology - Houari Boumediene (USTHB). He completed his bachelor degree in 2014 with a bachelor thesis on tiling problems using polyominoes, supervised by Kahina Meslem. He pursued a master degree in Applied mathematics and Statistical learning at the university of Paris-Dauphine PSL. He obtained his master degree cum laude in 2016.

In December 2016, Mohamed Amine started his PhD at Leiden University under the supervision of dr. Botond Szabó, with Prof. dr. Aad van der Vaart acting as his promotor. During his PhD, Mohamed Amine acted out as a teaching assistant and lecturer for different statistics courses. He was also a member of various master defense committees. Moreover, Mohamed Amine presented his research on Gaussian processes at numerous international conferences, online and physically.