

## Internship theses 2019 – Master of Science in Finance

### Mémoires de stage 2019 – Master ès Science en Finance

Name/Nom	First name/Prénom	Title/Titre	Teacher/Enseignant-e
<b>AGOSTINI</b>	Gabriel	Measuring and forecasting settlement risk in equity accumulators using heston stochastic volatility models	Goyal A.
<b>ALLARD</b>	Bastien	Hedge Fund Selection Systematic Approach to Select Funds	Rockinger M.
<b>ALOISIO</b>	Andrea	Valuation case : Fleur de Pains	Neklyudov A.
<b>AXILAIS</b>	Alexandre	Empirical Evidence on Hedge Funds Strategies and a Comparison between Risk-Based Allocation Methods for Funds of Funds	Jondeau E.
<b>BABEY</b>	Matthieu	Correcting volatility of alternative assets for serial correlation of returns	Pierret D.
<b>BADOUX</b>	Henri	Improve Mementun strategy by using Machine Learning algorithms	Alessandrini F.
<b>BAO</b>	Jiamei	Development of a Real Estate Discounted Cash Flow Model for an Institutional Portfolio Management Company	Goyal A.
<b>BELKACEM</b>	Sana	Mark-to-Market Risk in Agricultural Commodities	Rockinger M.
<b>BENARROCH</b>	Karen	Capital reinvestments in venture capital	Dimopoulos Th.
<b>BERTINOTTI</b>	Joas	Smart beta investment strategy for commodities and diversification benefits for the S&P 500	Goyal A.
<b>BETTSCHART</b>	Guy	Private equity fund cash flows	Goyal A.
<b>BISCIA</b>	Andrea	Thematic investing : millenials, silver generation & circular economy	Goyal A.
<b>BIVIANO</b>	Francesco	Machine learning in Finance	Goyal A.
<b>BOGA</b>	Loïc	The effect of cross-border business on revenue recognition in Finance : a practical case at HP Inc. Europe	Neklyudov A.
<b>BREGNARD</b>	Nicolas	Impact of rebalancing smart beta indices on stock prices and trading volumes	Alessandrini F.
<b>BRUSATIN</b>	Mathieu	Assessment of scorecard model for explaining corporate bonds performance	Neklyudov A.

<b>CARREA</b>	Dayana	A quantitative study to identify warning signals	Jondeau E.
<b>CHAMMAS</b>	Karine	Case study: Valuation of Uber technologies inc. Using real options theory and modern capital budgeting	Schürhoff N.
<b>CHARMILLOT</b>	Anthony	Ibor Discontinuation: Causes & Impacts on RELX PLC's Operations	Neklyudov A.
<b>CHAUBERT</b>	Naomi	Auditing Costs in Switzerland: Overview and Comparison with other Major Financial Places	Pierret D.
<b>CHERKAOUI</b>	Hicham	Why equipment leasing is an investment? How to hedge against equipment leasing fund's credit risk?	Neklyudov A.
<b>CRAMERS</b>	Matthieu	A Private Equity Valuation Model	Steri R.
<b>DEBLUE</b>	Christophe	La viabilité financière d'une transition électrique solaire photovoltaïque	Pierret D.
<b>DECOSNE</b>	Lucille	ESG ratings and behaviour of responsible investments	Rockinger M.
<b>D'ERRICO</b>	Stefano	Distressed countries investing : the Greek banks case	Roger T.
<b>DÉZOBRY</b>	Jérôme	Increasing collateral efficiency in Risk Management	Neklyudov A. Rockinger M.
<b>DILLIER</b>	Raphael	Swiss PMI Manufacturing Impact in Switzerland	Neklyudov A.
<b>DOLINCOURT</b>	Joachim	Impact of the US-China trade war on the steel market	Neklyudov A.
<b>DONATI</b>	Alessandro	Strategic planning in the banking industry : evolution in the aftermath of the 2007-2008 financial crisis	Neklyudov A.
<b>ECCEL</b>	Nicolas	Financial Impact of a Business Model Change and its Profitability Analysis on a Company Operating in the Automotive Industry	Nikolov B.
<b>EMSSENS</b>	Charles	Development impact Bonds	Goyal A.
<b>EPINEY</b>	Eugénie	Artificial intelligence in investment management: comparison analysis	Roger T.
<b>FABBIANO</b>	Flavia	Investigation on Green Bonds : Their regulatory environment and pricing features	Schürhoff N.
<b>FARHAT</b>	Mariem	Financing in the Age of Cryptos: An Empirical Analysis of Initial Coin Offerings	Kuklinski J.
<b>FLAMMANG</b>	Nick	Leasing in the airline industry	Nikolov B.

<b>GARCIA</b>	Enrique	Renouvellement de la garantie d'un placement d'un produit d'Assurance Epargne Evolution	Rockinger M.
<b>GHASSABI</b>	Nadia	Alternative risk premia investing: Construction and analysis of an ARP composite	Goyal A.
<b>GIBELLO-MILEN</b>	Benjamin	Real Estate crowdfunding	Walden J.
<b>GJIKOLLI</b>	Zog	Valuation methods in Tourism industry: The specific case of Arena Hospitality group	Dimopoulos Th.
<b>GJOCAJ</b>	Veton	Backtesting analysts forecasts on main currencies	Roger T.
<b>GOMES VARELA</b>	Patrick	Mortgage Market in Switzerland and its impact on Real Estate prices	Neklyudov A.
<b>HINZ</b>	Lukas	Real options in Real Estate development : Using a simulation-based model to value the option to switch between retail and office space in an office development in Warsaw, Poland	Nikolov B.
<b>HUMBERT</b>	Florent	Rebalancing methods, a timing and bands approach	Goyal A.
<b>IMERI</b>	Gzim	Risk and performance measurement for Sukuk portfolios	Neklyudov A.
<b>JAQUET</b>	Damien	How does XVAs affect Derivatives Valuation	Goyal A.
<b>KOSTOPOULOS</b>	Dimitrios	ESG performance relationship with corporate financial performance in technology sector	Neklyudov A.
<b>KREMER</b>	Gauthier	How can RPA help banks to face major challenges: Operational costs, changing customer expectations and increased competition?	Schürhoff N.
<b>LÊ</b>	Chi-Hung Patrice	Alternative risk premia: decomposing portfolio construction through principal component analysis	Alessandrini F.*
<b>LEBRUN-DAMIENS</b>	Syrine	How can behavioral finance improve risk profiling in private banking?	Schürhoff N.
<b>LERCH</b>	Jimmy	Does ESG drive outperformance in the Swiss Market?	Alessandrini F.
<b>LOESCH</b>	Arnaud	How does digitalization impact Swiss-operating Private Banks?	Schürhoff N.
<b>LOSA</b>	Tobia	Capital Gains Tax Considerations in Swiss M&A Deals	Neklyudov A.
<b>LUCIUS</b>	Pit	Infrastructure Finance: How lenders can achieve optimal project finance selection	Nikolov B.
<b>MAGNIN</b>	Nicolas	Banks' internal ratings-based and market measures	Pierret D.

<b>MALATIALY</b>	Jonathan	Can Machine Learning perform Fundamental Analysis?	Rockinger M.
<b>MAMONE</b>	Roberto	A primer on the Internet of Things market	Goyal A.
<b>MANCINI</b>	Mirco	Micro credit impact on Colombian students	Goyal A.
<b>MANDRIOLI</b>	Valentina	International Cross Border Regulations	Neklyudov A.
<b>MARADAN</b>	Théodore	How to create value : the Swiss industries case	Schürhoff N.
<b>MARGUE</b>	Marielle	Performance Analysis of Green Bonds and Green Bond Issuers	Alessandrini F.
<b>MARTIN</b>	Victor	Value creation in leveraged build-ups	Rockinger M.
<b>MAURI</b>	Mirco	Sustainable investing analysis with a focus on banking environment	Neklyudov A.
<b>MAZOURENKO</b>	Egor	Business models supporting Li-ions Batteries	Neklyudov A.
<b>MESSIER</b>	Clara	Case study on expanding Vaudoise range of products	Nikolov B.
<b>MIRIZZI</b>	Gianluca	Hedonic methodologies in industrial Real Estate valuation	Schürhoff N.
<b>MITTELHEISSER</b>	Loïc	To what extent can equity scoring model predict future returns?	Jondeau E.
<b>MOIRE</b>	Benjamin	How does the blockchain impact financial services?	Kuklinski J.
<b>NARSINGHEN</b>	Kunasegaren	To hedge or not to hedge for Swiss pension funds	Rockinger M.
<b>NIEDERHAUSER</b>	Carole	The race against climate change : is it financially interesting for investors to participate ?	Alessandrini F.
<b>OSMANAJ</b>	Arbresha	The impact of MiFIDII/MiFIR on Financial Market's liquidity	Rockinger M.
<b>PAVILLARD</b>	Jonathan	Structure and Incidence of Covenant-Lite Loans	Goyal A.
<b>PELLANDINI</b>	Leonardo	Principal component analysis on a credit spread vcurve	Pierret D.
<b>PFISTER</b>	Victor	Development of a customer relationship management software for an independant asset management company	Neklyudov A. Balocchi G.

<b>PONCE GOMEZ</b>	Alexia	Investors reactions to the climate protests of 2018 and 2019	Nikolov B.
<b>PRATT DOS SANTOS</b>	Sara	"Dynamic pricing" an application in the oil industry	Steri R.
<b>PRÉLAZ</b>	Arnaud	New international tax policy changes: how can investors adapt to the new fiscal paradigm?	Goyal A.
<b>PROGIN</b>	Fabien	Production Variance: An alternative approach at Firmenich	Neklyudov A.
<b>QUADRI</b>	Sébastien	FINTECH IN CHINA An Analysis of an innovative and unique environment	Steri R.
<b>RIZZELLO</b>	Dario	Implementation of The New Standard IFRS 16 and Its Impacts on Key Performance Measures: A Practical Case	Demers E.
<b>ROCHA DA SILVA</b>	Luca	Optimal delta hedging for European SPX call options trading	Neklyudov A.
<b>RODELLA</b>	Massimo	Unwelcomed neighbors, the evolution of the growth market	Petty J.
<b>RODRIGES LOPES</b>	Sergey	Client selection in corporate banking	Roger T.
<b>SACHS</b>	Norman	Development of a systematic asset allocation model	Neklyudov A.
<b>SADEGH NOBARI</b>	Rezvan	Product launch at Coty	Dimopoulos Th.
<b>SAMARANCH MIR</b>	Arnau	Banco Santander Private Banking - IT department	Dimopoulos Th.
<b>SCUPOLA</b>	Enrico	On the likelihood and performance of M&A - A Heckman approach for the US	Goyal A.
<b>SIDOT</b>	Thomas	Which listing alternative between IPS, reverse merger and direct listing would be the most suitable to On from a financial strategic point of view?	Neklyudov A.
<b>SIEBER</b>	Christophe	The implementation of ESG criteria in the portfolio of asst managers	Neklyudov A.
<b>STERCHI</b>	Guy	How to lie with statistics depending on your objectives application to the KPMG forensic fraud barometer	Hoffrage U.
<b>SÜESS</b>	Xavier	Market and macro characteristics influencing LBO's fund performance	Dimopoulos Th.
<b>TERRIER</b>	Maxime	The impact of an ESG screening strategy on portfolio characteristics	Neklyudov A.
<b>TRABELSI</b>	David	M&A Effect on Company's valuation in the beauty industry: A closer look at the coty and P&G merger	Roger T.

<b>TSAREVA</b>	Svetlana	Impact of ESG ratings on European firm performance	Neklyudov A.
<b>TUDOR</b>	Isabelle	How will the Libor transition impact financial markets?	Nikolov B.
<b>UZELAC</b>	Irena	Integrating a Multi-Brand Strategy on a Regional Level: The Case of Logitech	Nikolov B.
<b>WAEBER</b>	Alexandre	Mapping and performance of impact investing in Private Equity	Dimopoulos Th.
<b>WALLACE</b>	Fiona	From Data Collection to Dynamic Reporting: The Empirical Implementation of a Financial Consolidation Process.	Steri R.
<b>ZIMMERMANN</b>	John	A case study on the differences between actuarial and financial valuation models for life insurance companies	Schürhoff N.
<b>ZORN</b>	Nicolas	Analysis of high dividends strategies on the European stock market in declining periods	Roger T.
<b>ZUCCHINETTI</b>	Emilie	What Changed Regarding Transparency, Agency Conflicts and Corporate Governance in U.S. Capital Markets with the Passage of Sarbanes-Oxley Act?	Wagner J.