Master of Statistics/QASS Final thesis defenses
SEPTEMBER 2019

Venue : Celestijnenlaan 200, Building 200 B, Room 02.04, Campus Arenberg III, Heverlee
WEDNESDAY 21 AUGUST 2019

		Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
Timing	Student					
11.00-11.45	Goorts, Kaat	Prediction model for the duration of the work disability period. Evaluation of psychosocial determinants through survival analysis	Roel Braekers	Lode Godderis	Geert Verbeke	Bart De Ketelaere (NA)

Venue : HOGM Huis De Munter, Room HOGM 00.74, Naamsestraat 69 in 3000 Leuven
THURSDAY 29 AUGUST 2019

		Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
Timing	Student					
14.00-14.45	Zhang, Yanxia	Spline Regression for Survival Data subject to Dependent Censoring	Ingrid Van Keilegom		Gerda Claeskens	Martina Vandebroek

Venue : ESAT, Kasteelpark Arenberg 10, room B00.50, Heverlee
THURSDAY 29 AUGUST 2019

		Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
Timing	Student					
15.00-15.45	Koo, Hyewon	Prediction of cardiovascular disease in patients with Type 2 Diabetes Mellitus	Bart De Moor	Xi Shi	Jan Beirlant	Francis Tuerlinckx

Venue : Celestijnenlaan 200, Building 200 B, Room 00.05, Campus Arenberg III, Heverlee
WEDNESDAY 4 SEP 2019 AM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
09.30-10.15	Zhou, Han	Hypothesis testing for high-dimensional generalized linear models	Gerda Claeskens		Ingrid Van Keilegom	Yue Zhao
10.15-11.00	Kozhakhmetov, Renat	Statistical Arbitrage in the European Equity Markets	Wim Schoutens		Ingrid Van Keilegom	Jan Beirlant
11.00_11.15	BUFFER					
11.15-12.00	Sun, Qaioyubing	Bot or not : A comparison of predictive models for Twitter Bot Detection	Seppe Van den Broucke		Wim Schoutens	Tim Nawrot
12.45-13.30	Godefroidt, Amélie	A three-level meta-analysis of terrorism and socio-political attitudes. Do terrorists tear us apart?	Wim Van den Noortgate		Marc Swyngedouw	Ariel Alonso Abad

Venue : Celestijnenlaan 200, Building 200 B, Room 00.05, Campus Arenberg III, Heverlee
WEDNESDAY 4 SEP 2019 PM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
14.00-14.45	Borda, Maria	Different approaches for predicting missing trade data. Comparison and recommendations	Geert Molenberghs		Ariel Alonso Abad	Ingrid Van Keilegom
14.45-15.00	BUFFER					
15.00-16.00	Van Boeckel, Fabrice	The variability of the Belgian business survey indicator. Analysis and predictive power	Geert Molenberghs	Laurent Van Belle	Geert Loosveldt	Stephan Moens

Venue : Celestijnenlaan 200, Building 200 B, Room 01.14, Campus Arenberg III, Heverlee
THURSDAY 5 SEPTEMBER 2019 AM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
09.45-10.30	Haarhuis, Freek	Applying structural equation modelling to find important latent constructs on social and political trust, over time, in the Netherlands	Geert Molenberghs		Wim Van den Noortgate	Katrijn Van Deun
10.30-11.15	Alabanza, Hajime Neno	The meta-analysis of single-case experimental data	Wim Van den Noortgate	Lies Declercq	Geert Verbeke	Peter Goos

Venue : Celestijnenlaan 200, Building 200 B, Room 01.16, Campus Arenberg III, Heverlee
THURSDAY 5 SEPTEMBER 2019 PM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
13.30-14.15	Huang, Kexin	Constructing a Recommender System based on a Douban Movie Data set	Seppe Van den Broucke		Katrien Antonio	Bart Meuleman
14.15-15.00	Wu, Guojun	A Systematic Approach for Converting Black Box Ensemble Models to Logistic Regression	Seppe Van den Broucke		Martina Vandebroek	Stefan Van Aelst
16.00-16.45	Manipatruni, Chanukya Patnaik	Analysis of customer churn to enhance user retention of an e-learning platform : case study of CodeChef	Seppe Van den Broucke		An Carbonez	Jan Beirlant

Venue : Celestijnenlaan 200, Building B, Room 01.14, Campus Arenberg III, Heverlee
THURSDAY 5 SEPTEMBER PM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
15.15-16.00	Bollen, Nena	The Structured Coalescent and its Approximations	Guy Baele	Christel Faes	Wouter Saeys	Francis Tuerlinckx
16.00-16.45	Wardenier, Naomi	Investigate the influence of school characteristics on cultural participation of their students	Sofie Kuppens	John Lievens	Wim Van den Noortgate	Patrick Onghena

Venue : Celestijnenlaan 200, Building B, Room 02.16, Campus Arenberg III, Heverlee
FRIDAY 6 SEPTEMBER 2019 AM

Timing	Student	Thesis title	Co-supervisor	Promotor	Reader 1	Reader 2
09.00-09.45	Yiannakou, Nicolas	How efficient are local investments in R &D in promoting regional economic growth and what is the role of education ?		Martina Vandebroek	An Carbonez	Bart Meuleman
10.00-10.45	Salehi, Sahar	Length of Investigation for Cartel and Antitrust Cases		Martina Vandebroek	An Carbonez	Marc Swyngedouw
10.45-11.30	Vanbroekhoven, Wouter	Public trust in science. The role of deference to authority in different societal groups	Sofie Mariën	Geert Molenberghs	Ariel Alonso Abad	Marc Swyngedouw

Venue : Celestijnenlaan 200, Building B, Room 02.16 , Campus Arenberg III, Heverlee
FRIDAY 6 SEPTEMBER 2019 PM

Timing	Student	Thesis title	Co-supervisor	Promotor	Reader 1	Reader 2
13.30-14.15	Qiu, Yuhao	Robust sparse principal component analysis with cellwise outliers		Stefan Van Aelst	Tim Verdonck	Peter Rousseeuw
14.15-15.00	Wauters, Vincent	Sparse and robust logistic regression		Stefan Van Aelst Tim Verdonck	Emmanuel Lesaffre	Peter Rousseeuw
15.00-15.45	Karbaum, Patrick	Machine Learning techniques for churn prediction		Bart Baesens	Tim Verdonck	Stefan Van Aelst
14.45-16.00	BUFFER					
16.00-16.45	Wamba Momo, Lyse Naomi	Gaussian Process Regression for Autocallables Pricing and Hedging		Wim Schoutens	Tim Verdonck	Geert Dhaene

Venue : Celestijnenlaan 200, Building B, Room 01.14 , Campus Arenberg III, Heverlee
FRIDAY 6 SEPTEMBER 2019 PM

Timing	Student	Thesis title	Co-supervisor	Promotor	Reader 1	Reader 2
13.45-14.30	Fajgenblat, Maxime	Bayesian hierarchical modeling of opportunistic biodiversity data	Thomas Neyens (Uhasselt)	Christel Faes	Francis Tuerlinckx	Emmanuel Lesaffre
14.30-14.45	BUFFER					
14.45-15.30	Bohyn, Alexandre	Comparison of statistical methods and designs for a high throughput phenotyping experiment		Peter Goos	Gerda Claeskens	Wouter Saeys

Venue : Celestijnenlaan 200, Building B, Room 01.18, Campus Arenberg III, Heverlee
MONDAY 9 SEPTEMBER 2019 AM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
10.00-10.45	Cristian, Gianina	Extreme weather and climate change : understanding the link and managing the risk	Jan Beirlant An Carbonez		Wim Schoutens	Nicole Van Lipzig
12.30-12.45	Ivanova, Dana	Diagnostic tests for architecture students: a strong predictor for first-year academic achievement?	Greet Langie	Lynn Van den Broek	Jan Aerts	Katrien Antonio

Venue : Celestijnenlaan 200, Building B, Room 01.18, Campus Arenberg III, Heverlee
MONDAY 9 SEPTEMBER 2019 PM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
15.00-15.45	Bruninx, Anke	Theoretical replication of the importance of affect for early learned abstract concepts. Investigating the interplay between concreteness, valence, and age-of-acquisition predicting lexical decision reaction times	Ariel Alonso Abad	Tom Heyman	Karel Neels	Bart Meuleman

Venue : Celestijnenlaan 200, Building B, Room 02.16, Campus Arenberg III, Heverlee
TUESDAY 10 SEPTEMBER 2019 PM

Timing	Student	Thesis title	Promotor	Co-supervisor	Reader 1	Reader 2
13.00-13.45	Tian, Kaiwen	The study of China's soft power in Central Africa	An Carbonez	Bart Meuleman	Dirk Speelman	Marc Swyngedouw