

ALGANT Master Program - Degree Committee

10 July 2024 at 9:30, room BM1.23

Mathematical Institute

Einsteinweg 55, 2333 CC Leiden

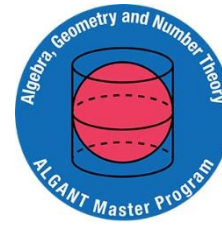
STUDENT		SUPERVISOR	THESIS	TIME
1	Lorenzo Paveri	Marton Hablicsek	Virtual classes of representation varieties with group automorphisms	9:30
2	Kees Heesterbeek	Qing Liu	Minimal Weierstrass models and their relation to minimal regular models of smooth hyperelliptic curves and Jacobian varieties of general smooth curves	9:50
3	Luca Dal Forno	Christian Carrick, Marton Hablicsek	Day convolution for (equivariant) infinity-operads	10:10
4	Anna Cascioli	Clara Löh	Profinite rigidity and amenability	10:30
<i>Short break</i>				
5	Miriam Ni Chobhthaigh	Massimo Bertolini	Selmer groups and their structure over dihedral extensions	11:10
6	Vikram Nadig	Ulrich Bunke, Paul Arne Ostvaer	A Comparison of Takai and Treumann Dualities	11:30
7	Giacomo Scodro	Dajano Tossici	Belyi's Theorem and Dessins d'Enfants	11:50
8	Shiyuan Wan	Denis Benois	Higher local class field theory	12:10

Lunch 12:30-14:00 in BM 2.26

COMMITTEE:

Chair: P. Stevenhagen

Committee: D. Benois, K. Destagnol, R. Kloosterman, K. Künnemann, C. Mazza, N. Mazzari, V. Paskunas



ALGANT Master Program - Degree Committee

10 July 2024 at 14:00, room BM1.23

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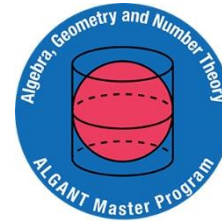
STUDENT		SUPERVISOR	THESIS	TIME
1	Edoardo Mason	Carolina Tamborini	Variations of Hodge structures and density of the Hodge locus	14:00
2	Olha Kharchenko	Johannes Sprang	The Littlewood conjecture for function fields	14:20
3	Antonio Fozzati	Johannes Sprang	On Stark's conjecture and Elliptic Units for Complex Cubic Fields	14:40
4	Luca Marchesini	Farrell Brumley	p-adic quantum unique ergodicity on $GL_2(\mathbb{Q}_p)$	15:00
<i>Short break</i>				
5	Martina Bosin	Margaret Bilu	Spaces of smooth hypersurfaces in Arithmetic and Motivic Statistic	15:40
6	Xiaomin Chu	Sebastian Bartling	Prismatic Dieudonne theory for truncated Barsotti-Tate groups	16:00
7	Paola Mupo	Adrian Iovita	Modular Forms modulo p	16:20
8	Francesco Tognetti	Samuele Maschio	Streamlining scheme theory with topoi	16:40

Finished 17:00hrs

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ALGANT Master Program - Degree Committee

11 July 2024 at 9:30, room BM1.23

Mathematical Institute

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STUDENT		SUPERVISOR	THESIS	TIME
1	Lorenzo Ingaramo	Inbar Klang	A categorical approach to Equivariant Homotopy Theory	9:30
2	Veronica Licchelli	Ronald van Luijk, Haowen Zhang	Brauer-Manin obstruction to strong approximation on homogeneous spaces	9:50
3	Leonardo Spreafico	Carlo Pagano	Back-and-Forth and Galois Groups	10:10
4	Eva Ragazzini	Ulrich Görtz	On an attack on SIKE using abelian surfaces.	10:30
<i>Short break</i>				
5	Beatrice Ostorero Vinci	Olivier Brinon	p-Divisible Groups	11:10
6	Chiara Mandatelli	Xavier Caruso	Classification of rank 1 Drinfeld modules over an arbitrary function field	11:30
7	Emma Ingrassia	Niko Naumann	Higher algebraic K-theory after Quillen	11:50
8	Siddharth Acharya	Orsola Tommasi	On Esteves' Compactification of the Relative Jacobian	12:10

Lunch 12:30-14:00 in BM 2.26

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