Opgave proefschriften Stieltjesprijs 2016

nr	Instelling	Naam promovendus	Naam promotor	Titel proefschrift
1	UU	Shen, Dali	Prof.dr. E.J.N. Looijenga	Hyperbolic structures on a toric arrangement complement
2	UU	Sanjay Ramawadh	Prof.dr. R. Fernández	On the Convergence of the Virial Expansion
3	UU	Boris Osorno Torres	Prof.dr. M. Crainic	Codimension-one Symplectic Foliations: Constructions and Examples
4	UU	Anshui Li	Prof.dr. R. Fernández	Aspects of random geometric graphs: pursuit-evasion and treewidth
5	UU	Keith W. Myerscough	Prof.dr.ir. J.E. Frank	Correcting Numerical Simulations for Known Expectations
6	VU	R.P. Conijn	Prof.dr J. van den Berg	Planar Critical Percolation: Large clusters and Scaling limits
7	VU	B.P. Ros	Prof.dr. M.C.M. de Gunst	Stochastic modeling and statistical analysis of EEG-fMRI data
8	VU	T. van de Brug	Prof. dr. R.W.J. Meester	Percolation, loop soups and stochastic domination
9	VU	H. Rabe	Prof.dr. A.C.M. Ran, prof.dr.	Aspects of Toeplitz operators and matrices: Aymptotics, norms, singular values
10	UT	N. Baër	Prof.dr. R.J. Boucherie	Queueing and traffic
11	UT	A. Braaksma	Prof.dr. R.J. Boucherie; Prof.dr. P.J.M. Bakker	Timely and efficient planning of treatments through intelligent scheduling
12	UT	A. Bukhvostova	Prof. dr. ir. B.J. Geurts; Prof. dr. J.G.M. Kuerten	Heat and mass transfer in turbulent multiphase channel flow
13	UT	Y. Chen	Prof.dr. R.J. Boucherie	Random walks in the quarter-plane: invariant measures and performance bounds
14	UT	R.P. Hoeksma	Prof.dr. M.J. Uetz	Mechanisms for scheduling games with selfish players
15	UT	M.A. Mitici	Prof.dr. R.J. Boucherie	Performance analysis of data retrieval in wireless sensor networks
16	UT	F.L. Schwenninger	Prof.dr. H.J. Zwart	On Functional Calculus Estimates
17	UT	L. Tian	Prof.dr. ir. J.J.W. van der Vegt; Prof.dr. J.G.M. Kuerten	Local discontinuous Galerkin methods for phase transition problems
18	UT	D.R. Tunuguntla	Prof.dr. ir. J. J.W. van der Vegt; Prof.dr. S. Luding	Polydisperse granular flows over inclined channels
19	UT	H. Yang	Prof.dr. S.A. van Gils	Modeling and identification of the nociceptive system using psychophysical measurements
20	RUN	Rieken, S.C.J.	G.J. Heckman	Moduli of real curves of genus three
21	RUN	Basic, M.	I. Moerdijk	Stable homotopy theory of dendroidal sets
22	RUN	Kuijper, R.	M. Gehrke en P. Stevenhagen	Computability, Probability and Logic
23	RUN	Marzouki, M.A.	G.J. Heckman en M. Nespolo	Group-theoretical investigation of the structural basis for the formation of twinned crystals
24	RUN	Iseppi, R.A.	N.P. Landsman	The BV Formalism for Matrix Models: a Noncommutative Geometric Approach
25	TUD	Budiarto, E	AW Heemink/BJM Heijmen	Modeling Geometrical Uncertainties for Radiotherapy Plan Optimization without Margins
26	TUD	Ouden den, D	C Vuik/Sietsma	Mathematical Modelling of Nucleating and Growing Precipitates: Distributions and Interfaces
27	TUD	Ruijter, M.	CW Oosterlee	Fourier Methods for Multidimensional Problems and Backward SDEs in Finance and Economics
28	TUD	Knibbe, H.P.	C Vuik/CW Oosterlee	Reduction of computing time for seismic applications based on the Helmholtz equation by Graphics
29	TUD	Wang, Y	FMT Brazier/JH v Schuppen	On-line Distributed Prediction and Control for a Large-scale Traffic Network
30	TUD	Schauer, M.	G Jongbloed/JH vZanten	Bayesian inference for discretely observed diffusion processes
31	TUD	Decorte, P.E.B.	K Aardal	The eigenvalue method for extremal problems on infinite vertex-transitive graphs
32	TUD	Zhao, Jing mw.	CW Oosterlee	Fast Solvers for Concentrated Elastic Contact Problems
33	TUD	Li, Xiaozhou	C Vuik	Smoothness-Increasing Accuracy-Conserving Filters for Discontinuous Galerkin Methods: Challenging the Assumptions of Symmetry and Uniformity
34	TUD	Syed, Hyder Ali	AW Heemink/E Deleersnijder	Lagrangian modelling of transport processes in the ocean
35	TUD	Rozendaal, Jan	B de Pagter	Functional Calculus via Transference, Double Operator Integrals and Applications
36	TUD	Gupta, Rohit	C Vuik	GPU acceleration of preconditioned solvers for ill-conditioned linear systems
37	TUD	Qui, Yue	M Verhaegen/C Vuik	Preconditioning optimal flow control problems using multilevel sequentially semiseparable matrix computations

38	UvA	Dunin-Barkovskiy, P.	Shadrin, S.	Gromov-Witten theory and spectral curve topological recursion
39	UvA	Ellens, W.	Mandjes, M.R.H. en Van den Berg, J.L.	Stochastic methods for measurement-based network control
40	UvA	Feng, Y.	Opdam, E.M. en Solleveld, M.S.	On cuspidal unipotent representations
41	UvA	Huang, G.	Mandjes, M.R.H. en Spreij, P.J.C.	Limit theorems for Markov-modulated and reflected diffusion processes
42	UvA	Peterson, A.	Geer, G.B.M. van der en Farkas, G.	Modular forms on the moduli space of polarised K3 surfaces
43	UvA	Smit, I.M.	Wiegerinck, J.J.O.O. en Peters, H.	Several topics in complex variables
44	UvA	Wadman, W.S.	Crommelin, D.T. en Frank, J.E.	Assessing power grid reliability using rare event simulation
45	UL	Sonja Boas	Roeland Merks	Computational modeling of angiogenesis : from matrix invasion to lumen formation
46	UL	Weidong Zhuang	Peter Stevenhagen / Jan Hendrik Evertse	Symmetric Diophantine approximation over function fields
47	UL	Suzanne Sniekers	Aad van der Vaart	Credible sets in nonparametric regression
48	UL	Folkert Bleichrodt	Joost Batenburg	Improving robustness of tomographic reconstruction methods
49	UL	Julio Avila Brau	Peter Stevenhagen / Karim Belabas (bordeaux)	Galois representations of elliptic curves and abelian entanglements
50	UL	Athanasios Angelakis	Peter Stevenhagen / Karim Belabas (bordeaux)	Universal adelic groups for imaginary quadratic number fields and elliptic curves
51	UL	Martin Göll	Frank den Hollander	Principal algebraic actions of the discrete Heisenberg group
52	UL	Santosh Nadimpalli	Bas Edixhoven / Guy Genniart (Orsay Paris-Sud)	Typical representations of GL_n(F)
53	UL	Matthijs van Ommen	Peter Grünwald	Better Predictions when Models are Wrong or Underspecified
54	UL	Krysztof Dorobisz	Peter Stevenhagen	Inverse problems for universal deformation rings of group representations
55	UL	Junjiang Liu	Peter Stevenhagen	On p-adic decomposable form inequalities
56	RUG	A Mohammadi	prof. E.C. Wit	Bayesian Model Determination
57	RUG	B. Jargalsaikan	prof. M. Dür	Linear conic programming: genericity and stability
58	RUG	H.J. Kojakhmetov	prof. H.W. Broer	Classification of constrained differential equations embedded in the theory of slow fast systems
59	RUG	J. Liao	prof. B. Carpentieri	VBARMS, A variable block algebraic recursive multilevel solver for sparse linear systems
60	RUG	L. Gijben	prof. M. Dür	On Approximations, Complexity, and Applications for Copositive Programming
61	RUG	M. Wintraecken	prof. G. Vegter	Ambient and Intrinsic Triangulations and Topological methods in Cosmology
62	RUG	W. Rozema	prof. A.E.P. Veldman	Low-dissipation methods and models for the simulation of turbulent subsonic flow
63	TU/e	Badila, drs. E.S. (Emil)	prof.dr.ir. O.J. Boxma	Queues and risk models
64	TU/e	Bonaschi, G.A.	prof.dr. M.A. Peletier en prof.dr. G. Savaré	Three topics regarding gradient flows
65	TU/e	Dorsman, J.L. (Jan-Pieter)	prof.dr.ir. O.J. Boxma en prof.dr. R.D. van der Mei	Layered queueing networks: performance modelling, analysis and optimisation
66	TU/e	Eggermont , R.H. (Rob)	prof.dr. A.M. Cohen en prof.dr. J. Draisma	Finiteness properties of varieties with large group actions
67	TU/e	van Es , B. (Bram)	prof.dr.ir. B. Koren	Numerical methods for anisotropic diffusion
68	TU/e	Evers, J.H.M. (Joep)	prof.dr. M.A. Peletier	Evolution equations for systems governed by social interactions
69	TU/e	Fleischmann, S.Y.G. (Yael)	prof.dr. A.M. Cohen	A geometric approach to classical Lie algebras
70	TU/e	Leonova, T.I. (Tatiana)	prof.dr.ir. B. Koren	Film blowing modeling to enhance film property prediction
71	TU/e	van Meurs, P.J.P. (Patrick)	prof.dr. M.A. Peletier	Discrete-to-continuum limits of interacting dislocations
72	TU/e	Roth, M. (Martin)	prof.dr. J.H. van Zanten en prof.dr.ir. G. Jongbloed	Analysis of trends in extreme rainfall: a regional approach
73	TU/e	Vatamidou, E. (Eleni)	prof.dr. A.P. Zwart en prof.dr.ir. I.J.B.F. Adan	Error analysis of structured Markov chains
74	TU/e	Verrijzer, R. (Rikko)	prof.dr. A.M. Cohen	Context in interactive mathematical documents: personalizing mathematics
75	TU/e	Zocca, A. (Alessandro)	prof.dr. S.C. Borst en prof.dr. J.S.H. van Leeuwaarden	Spatio-temporal dynamics of random-access networks: An interacting particle approach