

		22.05.2018					
From	Due	Tuesday					
18:00	20:00	Welcome Reception (H101)					
		23.05.2018					
From	Due	Wednesday					
08:30	09:00	Registration & Coffee (H215 a)					
09:00	09:30	Welcome Ceremonie (H102)					
09:30	10:30	Keynote 1 (H102) Thomas Bäck (Leiden Institute of Advanced Computer Science (LIACS)) Algorithms for Simulation-Based Optimization Problems					
10:30	11:00	Coffee break (H215 a)					
		Parallel Sessions (90 min 3 Paper)					
		H210		H211		H212	
		IBTS (3x)		IS (3x)		FES (3x)	
11:00	12:30	IBTS 804	Simulation Of An Order Picking System In A Manufacturing Supermarket Using Collaborative Robots	IS 799	Behavior Tree Based Knowledge Reasoning For Intelligent Vessels In Maritime Traffic Simulations	FES 796	Developing And Calibrating An ABM Of The Property Listing Task
			Fabio Coelho, Susana Relvas, Ana P. Barbosa-Povoa		Volker Golluecke, Daniel Lange, Axel Hahn, Soeren Schweigert		Enrice Canessa, Sergio E. Chaigneau, Carlos Barra
		IBTS 853	Statistical Evaluation Of Emergency Service Demand In Electric Power Distribution Utilities	IS 806	Comparative Analysis Of Metamodeling Techniques Based On An Agent-Based Supply Chain Model	FES 798	Econometric Modelling Of Time Series Relationship Between Fertility And Income For The Russian Population: Methodological Issues
			Guilherme de Oliveira da Silva, Vinicius Jacques Garcia, Lynceo Falavigna Braghirolli		Mert Edali, Gonenc Yucel		Oksana Shubat, Anna Bagirova
IBTS 857	Simulation Based Analysis Of Ectopic Pregnancy Treatment Process To Support Process Redesign	IS 877	On A Novel Search Strategy Based On A Combination Of Particle Swarm Optimisation And Levy-Flight	FES 802	Dynamics Of Volatility Spillover Between Stock And Foreign Exchange Market: Empirical Evidence From Central And Eastern European Countries		
		Janis Grabis, Zane Grabe		Christoph Tholen, Tarek A. El-Mihoub, Lars Nolle		Ngo Thai Hung	
12:30	13:30	Lunch					
		Parallel Sessions (120 min 4 Paper)					
		H210		H211		H212	
		SIMO (4x)		IS (4x)		MCT (4x)	
13:30	15:30	SIMO 800	Process Optimization In "Smart" Companies Through Condition Monitoring	IS 835	Blind Search Patterns For Off-Line Path Planning	MCT 837	Ball & Plate Model For Robotic System
			Frank Morelli, Jan-Felix Mehret, Thorsten Weidt, Moustafa Elazhary		Tarek A. El-Mihoub, Christoph Tholen, Lars Nolle		Lubos Spacek, Jiri Vojtesek, Frantisek Gazdos, Tomas Kadavy
		SIMO 808	A Domain-Specific Language For Routing Problems	IS 841	Realtime Simulation And 3D-Visualisation Of Surface And Underwater Vehicles For Monitoring And Evaluating Autonomous Missions	MCT 839	Multimodel Approach In State-Space Predictive Control
			Benjamin Hoffmann, Michael Guckert, Thomas Farrenkopf, Kevin Chalmers, Neil Urquhart		Tobias Theuerkauff, Yves Wagner, Frank Wallhoff		Lukas Rusar, Vladimir Bobal
		SIMO 809	Positivity And Stability Of Descriptor Continuous-Time Linear Systems With Interval State Matrices	IS 861	Pseudo Neural Networks Via Analytic Programming With Direct Coding Of Constant Estimation	MCT 843	Control Of Temperature Inside Plug-Flow Tubular Chemical Reactor Using 1DOF And 2DOF Adaptive Controllers
		Tadeusz Kaczorek	Zuzana Kominkova Oplatkova, Adam Viktorin, Roman Senkerik	Jiri Vojtesek, Lubos Spacek, Frantisek Gazdos			
SIMO 812	Web-Based Simulation Of Production Schedules With High-Level Petri Nets	IS 865	Study On Velocity Clamping In PSO Using CEC'13 Benchmark	MCT 863	A Matlab-Based Simulation Tool For The Analysis Of Unsymmetrical Power System Transients In Large Networks		
			Carlo Simon		Michal Pluhacek, Roman Senkerik, Adam Viktorin, Tomas Kadavy	Michael Kyesswa, Hueseyin K. Cakmak, Uwe Kuehnappel, Veit Hagenmeyer	
15:30	16:00	Coffee break (H215 a)					
		Parallel Sessions (90 min 3 Paper)					
		H210		H211		H212	
		SFMC (3x)		IS (3x)		FES (3x)	
16:00	17:30	SFMC 828	Towards Immersed Boundary Methods For Complex Roughness Structures In Scale-Resolving Simulations	IS 882	Predicting System Level ESD Performance	FES 834	The Effects Of Model Selection On The Guarantees On Target Volatility Funds
			Konrad M. Hartung, Philipp Gilge, Florian Herbst		Guido Notermans, Sergej Bub, Ayk Hilbrink		Gabor Kondor
		SFMC 831	Numerical Supported Design Of Continuously Adapted Riblets For Viscous Drag Reduction On A NREL Wind Turbine Airfoil	IS 867	Comparative Study Of The Distance/Improvement Based SHADE	FES 840	Review Of Global Industry Classification
			Karsten Oehlert, Jan H. Haake, Konrad M. Hartung		Adam Viktorin, Roman Senkerik, Michal Pluhacek, Tomas Kadavy		Laszlo Nagy, Mihaly Ormos
SFMC 860	Optimization Of The Plant Control Systems At Wilhelmshaven Power Plant Based On Coal Mill Models And State Controllers	IS 868	Boundary Strategies For Firefly Algorithm Analysed Using CEC'17 Benchmark	FES 842	Supplementation Of The Regulation Of Anti-Cyclical Margin Measures		
	Nicolas Mertens, Henning Zindler, Uwe Krueger, Marc-Hendrik Prabucki		Tomas Kadavy, Michal Pluhacek, Adam Viktorin, Roman Senkerik		Csilla Szanyi, Melinda Szorodai, Kata Varadi		

From	Due	24.05.2018 Thursday					
08:30	09:00	Registration & Coffee (H215 a)					
09:00	10:00	Keynote 2 (H102) Frederic Stahl (University of Reading) Building Adaptive Data Mining Models on Streaming Data in Real-Time, an Outlook on Challenges, Approaches and Ongoing Research					
10:00	10:30	Coffee break (H215 a)					
10:30	12:30	Parallel Sessions (120 min 4 Paper)					
		H210		H211		H212	TBA
		HIPMOS (4x)		SIMO (4x)		IS (4x)	
		DIS 815	Concrete vs. Symbolic Simulation To Assess Cyber-Resilience Of Control Systems Giuseppina Murino, Armando Tacchella	SIMO 817	Minimisation Of Network Covering Services With Predefined Centres Milos Seda, Pavel Seda	IS 869	A Review On The Simulation Of Social Networks Inside Heuristic Algorithms Roman Senkerik, Michal Pluhacek, Adam Viktorin, Tomas Kadavy, Jakub Janostik, Zuzana Kominkova Oplatkova
		DIS 847	Performance Optimisation Of Edge Computing Homeland Security Support Applications Marco Gribaudo, Mauro Iacono, Agnieszka Jakobik, Joanna Kolodziej	SIMO 822	Finite Element Modelling Of Pacemaker Electrode For Time Varying Excitation Shifali Kalra, M. Nabi	IS 871	Mapping Of Enclosed Buildings Using Mobile Radio Tomography Anastasia Ingacheva, Vladislav Kokhan, Dmitry Osipov
		DIS 848	Anchor Placement In Indoor Object Tracking Systems For Virtual Reality Simulations Marco Gribaudo, Pietro Piazzolla, Mauro Iacono	SIMO 823	Improved TPWL Based Nonlinear MOR For Fast Simulation Of Large Circuits Ammu Chathukulam, Debashree Sarkar, Shifali Kalra, M. Nabi	IS 856	Model Checking Knowledge And Commitments In Multi-Agent Systems Using Actors And UPPAAL Christian Nigro, Libero Nigro, Paolo F. Sciammarella
		DIS 850	New Fuzzy Numbers Comparison Operators In Energy Effectiveness Simulation And Modeling Systems Wojciech T. Dobrosielski, Jacek M. Czerniak, Hubert Zarzycki, Janusz Szczepanski	SIMO 826	Quality Evaluation Of Models And Polymodel Complexes: Subject-Object Approach Boris Sokolov, Vladislav Sobolevsky, Stanislav Mikoni, Valerii Zakharov, Ekaterina Rostova	IS 866	Tuning Of The Bison Algorithm Control Parameters Anezka Kazikova, Michal Pluhacek, Roman Senkerik
		Board Meeting					
		Lunch					
		13:30	15:30	Parallel Sessions (120 min 4 Paper)			
H210				H211		H212	
HIPMOS (4x)				SIMO (4x)		FDEM (5x)	
DIS 872	Stackelberg Game-Based Models In Energy-Aware Cloud Scheduling Damian Fernandez-Cerero, Alejandro Fernandez-Montes, Agnieszka Jakobik, Joanna Kolodziej			SIMO 824	Diode Model Generation For Simulation Of Harmonic Distortion Jennifer Schuett, Jens Werner, Ayk Hilbrink	FDEM 854	Coupling Finite And Discrete Element Methods Using An Open Source And A Commercial Software Akos Orosz, Kornel Tamas, Janos P. Radics, Peter T. Zwierczyk
DIS 873	ANN-Based Secure Task Scheduling In Computational Clouds Jacek Tchorzewski, Ana Respicio, Joanna Kolodziej			SIMO 829	Optimal Planning For Purchase And Storage With Multiple Transportation Types For Concentrated Latex Under Age-Dependent Constraint Tuanjai Somboonwiwat, Sutthinee Klomsae, Walailak Atthirawong	FDEM 855	Coupled DEM-FEM Simulation On Maize Harvesting Adam Kovacs, Peter T. Zwierczyk
DIS 874	Efficiency Analysis Of Resource Request Patterns In Classification Of Web Robots And Humans Grazyna Suchacka, Igor Motyka			SIMO 832	Using DEMATEL To Explore The Relationship Of Factors Affecting Consumers' Behaviors In Buying Green Products Walailak Atthirawong, Wariya Panprung, Kanngkan Leerojanaprapa	FDEM 859	Investigation The Effect Of The Model Dimension In Soil-Cone Penetrometer Discrete Element Simulations Kristzian Kotrocz, Gyoergy Kerenyi
PROBSTAT 846	Simulation Of Large-Scale Queueing Systems Sergey A. Vasilyev, Galina Tsareva			SIMO 838	Solving Location Problem For Vehicle Identification Sensors To Observe And Estimate Path Flows In Large-Scale Networks Pegah T. Yazdi, Yousef Shafahi	FDEM 881	Investigation Of Soil-Sweep Interaction In Laboratory Soil Bin And Modelling With Discrete Element Method Kornel Tamas, Zsafia Olah, Lilla Racz-Szabo, Zoltan Hudoba
Automatic Calibration Of Discrete Element Models Ferenc Safranyik, Istvan Keppler							
FDEM 875							
15:30	16:00			Coffee break (H215 a)			
16:00	17:30	Parallel Sessions (90 min 3 Paper)					
		H210		H211		H212	
		HIPMOS(3x)		MCT (3x)		M-FEM (3x)	
		PROBSTAT 862	Global And Local Synchronization In Parallel Space-Aware Applications Franco Cicirelli, Agostino Forestiero, Andrea Giordano, Carlo Mastroianni, Rostislav V. Razumchik	MCT 797	MATLAB Toolbox For Self-Tuning Predictive Control Of Time-Delayed Systems Radek Holis, Vladimir Bobal	MFEM 807	Modeling And Simulation Of Bioheat Powered Subcutaneous Thermoelectric Generator Ujjwal Verma, Jakob Bernhardt, Dennis Hohlfeld
		PROBSTAT 864	Software Package For The Active Queue Management Module Model Verification Tatyana R. Velieva, Anna V. Korolkova, Migran N. Gevorkyan, Sergey A. Vasilyev, Ivan S. Zaryadov, Dmitry S. Kulyabov	MCT 801	New Approach To Modelling The Kinetics Of The Fermentation Process In Cultivation Of Lactic Acid Bacteria Georgi Kostov, Rositsa Denkova-Kostova, Vesela Shopska, Petar Nedyalkov, Zapryana Denkova, Bogdan Goranov, Vasil Iliev, Kristina Ivanova, Desislava Teneva	MFEM 816	Multiphysics Modeling And Simulation Of A Dual Frequency Energy Harvester Sofiane Bouhedma, Yuhang Zheng, Dennis Hohlfeld
PROBSTAT 870	Simulation Of The Limited Resources Queueing System For Performance Analysis Of Wireless Networks Eduard Sopin, Kirill Ageev, Sergey ShorGIN	MCT 836	A Variable Detail Model Simulation Methodology For Cyber-Physical Systems T.G. Broenink, J.F. Broenink	MFEM 833	Parametric Model Order Reduction Of Induction Heating System Ananya Roy, M. Nabi		
17:30	19:00						
19:00	22:00	Conference dinner (ATLANTIC Hotel Wilhelmshaven Jadeallee 50, 26382 Wilhelmshaven Germany)					

		25.05.2018			
From	Due	Friday			
08:30	09:00	Registration & Coffee (H215 a)			
09:00	11:00	Parallel Sessions (120 min 4 Paper)			
		H210		H211	H212
		SIMO (4x)		FES (4x)	
		SIMO 844	Master Production Scheduling With Integrated Aspects Of Personnel Planning And Consideration Of Employee Utilization Specific Processing Times	FES 811	Fuzzy Logic Modelling Of The Russian Demographic Space
			Marco Trost		Anna Bagirova, Oksana Shubat, Alexander Akishev
		SIMO 852	Assessing Crop Rotation Sustainability Using Analytical Hierarchy Process	FES 818	Options With Stochastic Strike Prices
			Saturnina Fabian Nisperos, Frederic D. McKenzie		Janos Szaz, Agnes Vidovics-Dancs
		SIMO 876	Ground Vehicle Localization With Particle Filter Based On Simulated Road Marking Image	FES 819	Competitiveness And Finance Of Supply Chains: Considerations On Optimisation
			Oleg Shipitko, Anton Grigoryev		Peter Juhasz, Janos Szaz, Sandor Misik
		SIMO 879	Thermistor Problem: Multi-Dimensional Modelling, Optimization And Approximation	FES 820	Healthcare Demand Simulation Model
			Ciro D'Apice, Umberto De Maio, Peter I. Kogut		Bozena Mielczarek, Jacek Zabawa
		11:00	11:30	Coffee break (H215 a)	
11:30	12:30	Closing Ceremonie			
12:30	13:30	Lunch			