EUROmC - XXVIII - VNS conference 2012

Program Schedule

Wednesday, October 03, 2012	
07:00-09:00 PM	**Welcoming party**

Thursday, October 04, 2012	
9:45-10:00 AM	**Opening**
10:00-10:45 AM	***Chair: Emillio Carrizosa***
	Keynote Plenary Lecture: **The Road Less Traveled: From Local to Global in Optimization** ***Panos Pardalos***
10:45-11:00 AM	**Coffee break**
11:00 AM-12:30 PM	***Chair: Gilles Caporossi***
	Variable Neighborhood Search for edge-ratio network clustering *S. Cafieri, P. Hansen, N. Mladenović*
	A Visual Environment to Study and Find Communities in Networks *G. Caporossi, S. Perron*
	VNS based heuristic for solving Unit Commitment problem *R. Todosijević, M. Mladenović, S. Hanafi*
	VNS for the maximally diverse grouping problem *M. Gallego, A. Duarte, M. Laguna, R. Marti*
	Clustering on the network using semantic similarities and VNS *B. Mladenović, R. Todosijević*
	Degeneracy on K-means clustering *A. Alguwaizani*
11:00 AM-12:30 PM	***Chair: Panos Pardalos***
	Estimation for double Pareto Lognormal mixtures *E. Carrizosa, P. R. Cobo, J. Jocković*
	Global Approaches to Solving Min-Max-Location Problems *E. Carrizosa, J. Harbering*
	Continuous VNS with modified Nelder Mead for non-differentiable optimization *M. Dražić, Z. Dražić, D. Urošević, Q. Zhao*
	Generating good starting solutions for the p-median problem in the plane *J. Brimberg, Z. Drezner, N. Mladenovic, S. Salhi*
	Gaussian Variable Neighborhood Search and Enhanced Genetic Algorithm for Continuous Optimization *I. Nešić, A. Rakićević, A. Poledica, B. Petrović*
	Comparison of heuristics for solving very large nonlinear nonconvex problems *D. Kovačević, B. Petrović, P. Milošević*
04:00-05:30 PM	***Chair: Rym M'Hallah***
	Variable neighborhood descent heuristic for covering design problem *N. Nikolić, I. Grujičić, Đ. Dugošija*
	Packing Unit Spheres into a Cube Using VNS *R. M'Hallah, A. Alkandari*
	Balancing Bicycle Sharing Systems by Variable Neighborhood Search *G. Raidl, E. Caucsev, B. Hu, M. Rainer-Harbach*
	Variable Neighborhood Search for Google Machine Reassignment problem *H. Gavranović, M. Buljubašić*
	Variable neighborhood search approach for Machine reassignment *B. Jarboui*

	Variable Neighborhood Search for The attractive traveling salesman problem *R. Todosijević, D. Urošević*
04:00-05:30 PM	***Chair: Yuri Kochetov***
	VNS heuristic for the (r | p) - centroid problem on the plane *I. Davydov, Yu. Kochetov, E. Carrizosa*
	Variable Neighborhood Search for Solving the Balanced Location Problem *J. Kratica, M. Leitner. I. Ljubić*
	Solving a location-allocation problem under congestion and uncertainty using variable neighborhood search *E. Teimoury, R. Rahmaniani, A. Ghaderi, S. Ghalambor*
	A double VNS heuristic for the facility location and pricing problem *Z. Diakova, Yu. Kochetov*
	Metaheuristic methods for solving the Bilevel Uncapacitated Facility Location Problem with Clients' Preferences *M. Marić, Z. Stanimirović, N. Milenković*
	Variable neighborhood search for Multiple Level Warehouse Layout Problem *D. Matić, J. Kratica, V. Filipović, Dj. Dugošija*
05:30-06:00 PM	**Coffee break**
06:00-07:30 PM	***Chair: Vera Kovečević - Vujčić***
	A Hybrid Metaheuristic Based on Variable Neighborhood Search and Tabu Search for the Web Service Selection Problem *N. Turajlić, I. Dragović*
	Hybrid-VNS for the Tactical Berth Allocation *Eduardo Lalla Ruiz, Belén Melián Batista, J. Marcos Moreno Vega*
	An experimental comparison of VNS variants for the minimization of the vertex-cut in layout problems *Jesús Sánchez-Oro, Abraham Duarte*
	VND for the uncapacitated r-allocation p-hub median problem *J. Peiró, Á. Corberán, R.I Martí*
	Solving Multifacility Huff Location Models on Networks Using Variable Neighborhood Search and Multi-Start Local Search Metaheuristics *S. Roksandić, E. Carrizosa, D. Urošević*
	A variable neighborhood decomposition search algorithm for multilevel capacitated lot-sizing problems *Q. Zhao, C. Xie, Y. Xiao*
06:00-07:30 PM	***Chair: Lauerano Escudero***
	VNS based algorithm for solving a 0–1 nonlinear nonconvex model for the Collision Avoidance in Air Traffic Management *A. Alonso-Ayuso, L.F. Escudero, F.J. Martín-Campo*
	Solving the Nonlinear DEA model by continuous Variable neighborhood search *G. Savić, M. Martić*
	Discovering Frequent Itemset with Maximum Time-Window on Temporal Transaction Database using Variable Neighborhood Search *Y. Xiao, Y. Tian, Q. Zhao*
	Variable neighborhood search method for optimizing the emergency service network of police special forces units *I. Grujičić, Z. Stanimirović*
	Variable Neighborhood Search applied to the construction of MCAs *L. Gonzales-Hernandez, J. Torres-Jimenez, N. Rangel-Valdez*
	Effciency Evaluation of Business Friendly Certification Process in Serbia - Variable Neighborhood Search Approach *Žarko Popović, Vesna Janković-Milić, Jelena Stanković*
	A metaheuristic based approach for GNSS signal tracking *M. Djogatović, M. Stanojević*

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Friday, October 05, 2012	
10:00-10:45 AM	***Chair: Günther Raidl***
	Keynote Plenaty Lecture: **VNS approaches for rich vehicle routing** ***Richard F. Hartl***
10:45-11:00 AM	**Coffee break**
11:00 AM-12:30 PM	***Chair: Richard Hartl***
	Continuous Variable Neighborhood Search for parameters tuning in Support Vector Machines *Emilio Carrizosa, Belén Martín-Barragán, Dolores Romero Morales*
	Time series interpolation via a moments matching method *Emilio Carrizosa, Alba V. Olivares-Nadal, Pepa Ramírez-Cobo*
	Patent Mapping in Can Manufacture *K. Yu, V. Li, M. Dražić, M. Atherton, D. Harrison*
	Variable Neighborhood Search for dynamic memory allocation in embedded systems *M. Soto, A. Rossi, M. Sevaux*
	Variable Neighborhood Search and Tabu Search for the Web Service Selection Problem *N. Turajlić, S. Nešković*
	VNS for the University Carpooling Problem *S. Roksandić, T. Davidović, M. Bruglieri*
11:00 AM -12:30 PM	***Chair: Abraham Duarte***
	VNS for the Antibandwidth Problem *F. Gortázar, M. Lozano, A. Duarte, R. Martí*
	Variable neighborhood search for the strong metric dimension problem *J. Kratica, V. Kovačević-Vujčić, M. Čangalović*
	A Variable Neighbourhood Search approach to the Cutwidth Minimization Problem *E. G. Pardo, J. J. Pantrigo, A. Duarte*
	Variable neighborhood search for Minimum Linear Arrangement Problem *D. Pérez-Brito, D. Urošević, N. Mladenović*
	Solving the minimum labelling spanning tree problem using hybrid local search *S. Consoli, J. A. Moreno Pérez*
01:00 - 07:00 PM	***Free time - Excursion***

Saturday, October 06, 2012	
10:00-10:45 AM	***Chair: Marc Sevaux***
	Keynote Plenary Lecture: **Neigborhood Selection in Variable Neighborhood Search** ***Stefan Voß***
11:00 AM-12:30 PM	***Chair: Stefan Voß***
	An analysis and empirical evaluation of different metaheuristic strategies for solving rich vehicle routing problems *U. Derigs, M. Pullmann*
	New Hybrid Variable Neighborhood-Tabu Search heuristic for Vehicle Routing Problems with Multi-Time Windows *S. Belhaiza, P. Hansen, G. Laporte*
	VNS for the Dynamic Vehicle Routing Problem with Time Windows *Al. De Santiago, B. Meli an, A. Alvarez, D. Pelta*
	VNS Approach for the Cumulative Capacitated Vehicle Routing Problem *Samuel Moisés Nucamendi Guillén, Francisco Román Ángel-Bello Acosta, J. Marcos Moreno-Vega*

	A VNS for the Close-Open VRPTW *J. Brito, A. Exposito, J.A. Moreno*
	A New Variable Neighborhood Search Algorithm for the Multi Depot Heterogeneous Vehicle Routing Problem with Time Windows *Y. Xu, L. Wang, Y. Yang*
11:00 AM -12:30 PM	***Chair: Belén Melián***
	A Variable Neighbourhood Search for Solving the Yard Crane Scheduling Problem *Christopher Expósito Izquierdo, Belén Melián Batista, J. Marcos Moreno Vega*
	Minimizing Total Weighted Earliness and Tardiness on an m-StageFlowshop Using VNS *R. M'Hallah*
	A variable neighborhood search for a realistic university timetabling problem *M. Yazdani, B. Naderi*
	A SA-VNS approach for the High School Timetabling Problem *S. Brito, G. H. G. Fonseca, T. A. M. Toffolo, H. G. Santos*
	A New Hybrid Model for Vector Job Scheduling *N. I Lawarance-Amaldas, C. Lucas*
	Applying Variable Neighborhood Search to the Single-machine Maximum Lateness Rescheduling Problem *L. Liu, H. Zhou*
04:00-05:30 PM	***Chair: Said Salhi***
	MPI Parallelization of Variable Neighborhood Search *T. Davidović, T. Gabriel Crainic*
	A new parallel variable neighborhood search for large p-median problem *A. Djenić, M. Mladenović, D. Urošević*
	A Variable Neighborhood Search Algorithm for Multiobjective Optimization in Graph Theory *G. Caporossi, S. Majstorović*
	Multi-objective approaches for the open-pit mining operational planning problem *V.N Coelho, M.J.F. Souza, L.M. Coelho, F.G. Gulmaraes, T. Lust, R.C. Cruz*
	Experiments with VNS on Multi-objective Vehicle Routing Problems *Juan Castro-Gutierrez, Dario Landa-Silva, José A. Moreno-Pérez*
	A Variable Neighbourhood Search filter *M. Djogatović, M. Stanojević*
04:00-05:30 PM	***Chair: Said Hanafi***
	An efficient GVNS for solving Traveling Salesman Problem with Time Windows *R. Todosijević, D. Urošević*
	A variable neighborhood search for the multi-product multi-period inventory routing problem *A. Mjirda, B. Jarboui, R. Macedo, S. Hanafi*
	A General Variable Neighborhood Search heuristic for the Single Vehicle Routing Problem with Deliveries and Selective Pickups *I. M. Coelho P. L. A. Munhoz, M. N. Haddad, M. J. F. SouzaL. S. Ochi*
	General variable neighborhood search for Capacitaated arc rrouting *M. Stanojević, R. Todosijević*
	Fitting Censored Quantile Regression by Variable Neighbourhood Search *R.S. Rajab, M. Dražić, K. Yu*
	Fitting Censored Mode Regression by Variable Neighbourhood Search *W. Dang, K. Yu*
08:00 PM	**Galla dinner**

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Sunday, October 07, 2012	
10:00 AM -11:30 AM	***Chair: Angelo Sifaleras***
	Hybrid Metaheuristic for Bicluster Editing Problem *Gi. F. de Sousa Filho, L. A. F. Cabral, L. S. Ochi, F. Protti*
	A Simulated Annealing Algorithm within a Variable Neighborhood Search Framework to Solve the BMPG *I. Izquierdo-Marquez, A. Gonzalez-Gomez, A. Garcia-Robledo, J. Torres-Jimenez*
	A Simulated Annealing with Variable Neighborhood Search Approach to Construct Mixed Covering Arrays *A. Rodriguez-Cristerna, J. Torres-Jimenez*
	A hybrid Particle Swarm Optimization - Variable Neighborhood Search Algorithm for Constrained Shortest Path Problems *Y. Marinakis, A. Migdalas, A. Sifaleras*
	Adaptive differential evolution with crossover neighborhood search DE-CrNS *D. Kovačević, B. Petrović, P. Milošević*
	GENVNS-TS-CL-PR: A heuristic approach for solving the vehicle routing problem with simultaneous pickup and delivery *R.C. Cruz, T.C.B. Silva, M.I.F. Souza, V.N. Coelho, M.T. Milne, A.X. Martins*
10:00 AM -11:30 AM	***Chair: Anton Eremeev***
	Computing low-energy homopolymer conformations by Branch-and-Prune and VNS *A. Mucherino, L. Liberti, C. Lavor*
	A matheuristic approach for maximum lifetime coverage in wireless sensor networks under connectivity constraints *F. Castaño, A. Rossi, M. Sevaux, N. Velasco*
	ON ESTIMATION OF NUMBER OF LOCAL OPTIMA *A. V. Eremeev, S. A. Klokov, C. R. Reeves*
	SearchCol based on VNS *F. Alvelos, D. Santos, A. de Sousa*
	Exploiting Separators for Guiding VNS *S. Loudni, M. Fontaine, P. Boizumault*