Schedule of 10th EWGT Meeting and 16th Mini-EURO Conference

	Tu	We	Th	Fr	Sa
8:00	Registration				
8:15					
8:30					
8:45					
9:00	Opening Ceremony	P3 Evaluation functions for real world problems: a case study Zbigniew Michalewicz, Martin Schmidt, Matthew Michalewicz, Constantin Chiriac	P4 Overview of road and motorway traffic control strategies Markos Papageorgiou	P5 Metaheuristics – flexible tools for decision making in transportation planning and operations management Jorge Pinho de Sousa	
9:15					
9:30				P6 Bee colony optimization – a cooperative learning approach to complex transportation problems Mauro Dell'Orco, Dušan Teodorović	
9:45	P1 Mission, activities and expectations of the EURO Working Group on Transportation				
10:00	Maurizio Bielli	coffee break	coffee break	coffee break	Tour to Biskupin (a settlement from the turn of the Bronze Age and the Early Iron Age 750-600 BC)
10:15	Chopin music concert	M3 E3-A E3-B E3-C	M5 E5-A E5-B E5-C	M8 E8-A E8-B E8-C	
10:30	coffee break				
10:45	P2 GAMBIT 2005. The National Road Safety Program for Poland for the period of 2005-2013				
11:00					
11:15					
11:30	Ryszard Krystek				
11:45	coffee break	coffee break	coffee break	coffee break	
12:00	M1 E1-A E1-B E1-C	M4 E4-A E4-B E4-C	M6-A M6-B E6-A E6-B	M9 E9-A E9-B	
12:15					
12:30					
12:45					
13:00					
13:15					
13:30					
13:45					
14:00	lunch	lunch	lunch	lunch	lunch
14:15					
14:30					
14:45					
15:00	M2 E2-A E2-B E2-C	Technical trips	M7 E7-B	Closing Ceremony	Tour to Gniezno, 10th century town of the early Piast dynasty, founders of Polish state
15:15					
15:30					
15:45					
16:00					
16:15					
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16:45					
17:00					
17:15					
17:30					
17:45					
18:00	Poznan sightseeing				
18:15					
18:30					
18:45					
19:00					
19:15					
19:30	Get Together Party (hosted by the Mayor of Poznan)				
19:45					
20:00					
20:15					
20:30					
20:45					
21:00			Gala Dinner in an old mansion-house in the country ("Poligrodzianie" folk dance group performance)		
21:15					
21:30					
21:45					
22:00					
22:15					
22:30					
22:45					
23:00					
23:15					
23:30					
23:45					

Tuesday

9:45-10:15 Plenary session P1
Mission, activities and expectations of the EURO Working Group on Transportation
Maurizio Bielli

10:45-11:45 Plenary session P2
GAMBIT 2005. The National Road Safety Program for Poland for the period of 2005-2013
Ryszard Krystek

Session M1: MiniEURO: Risk and uncertainty in transportation 1

12:00-12:30 Algorithms for decision making in transportation systems with uncertain knowledge
Jerzy Józefczyk, Donat Orski

12:30-13:00 Stochastic service network design: the importance of taking uncertainty into account
Arnt-Gunnar Lium, Stein W. Wallace, Teodor Gabriel Crainic

13:00-13:30 Technical diagnostic of a fleet of vehicles using rough sets theory
Piotr Sawicki, Jacek Żak

13:30-14:00 On generalized OWA approach to support location and routing decisions
Krzysztof Fleszar, Włodzimierz Ogryczak

Session E1-A: EWGT: Travel time

12:00-12:30 Calibration of a traffic microsimulation model as a tool for estimating the level of travel time variability
Yaron Hollander, Ronghui Liu

12:30-13:00 An investigation of urban arterial travel time variability
Hao Liu, Hans van Lint, Henk van Zuylen

13:00-13:30 The impact of dynamic navigation on the travel times in urban networks
Irina Matschke

13:30-14:00 Real-time modeling travel time reliability on freeway
Huizhao Tu, Hans van Lint, Henk van Zuylen

Session E1-B: EWGT: Travel behaviour

12:00-12:30 Introducing social aspects to multi-agent simulations of travel behavior
Erel Avineri

12:30-13:00 Observations overtaking manoeuvres on bi-directional roads
Geertje Hegeman, Serge P. Hoogendoorn, Karel Brookhuis

13:00-13:30 Collecting activity-travel diary data by means of a hand-held computer-assisted data collection tool
Bruno Kochan, Davy Janssens, Tom Bellemans, Geert Wets

13:30-14:00 Agent-based modelling of a social dilemma in mode choice based on travelers' expectations and social learning mechanisms
Yos Sunitiyoso, Shoji Matsumoto

Session E1-C: EWGT: Traffic management 1

12:00-12:30 PIACON-DISCON integrated approach to public transport priority control at traffic signals
Andrzej Adamski

12:30-13:00 An intermodal traffic control strategy for private vehicle and public transport
Neila Bhouri, Pablo Lotito

13:00-13:30 DREAMS: an integrated information management system for traditional and innovative mobility services in Milan, Italy
Alberto Colorni, Diego Ciccarelli, Alessandro Luè, Valentina Morrocchi, Damiano Rossi

13:30-14:00 Structure of urban traffic coordination in street networks problem
Mariusz Kaczmarek

Session M2: MiniEURO: Multiobjective optimization in transportation

15:00-15:30 Interactive multi-objective genetic algorithms for the bus driver scheduling problem
Jorge Pinho de Sousa, Teresa Galvão Dias, João Falcão e Cunha

15:30-16:00 Scheduling buses in rural areas
Armin Fügenschuh

16:00-16:30 Path relinking for multiple objective combinatorial optimization. TSP case study
Andrzej Jaszkiewicz

Session E2-A: EWGT: Network design 1

15:00-15:30 A gravitational approach for locating new services in urban areas
Daniela Ambrosino, Anna Sciomachen

15:30-16:00 A model of cost optimization for the location of bus-stop
Luigi Dell'Olio, José Luis Moura, Angel Ibeas

16:00-16:30 Urban rapid transit network capacity expansion
Ángel Marín, Patricia Jaramillo

Session E2-B: EWGT: Route choice

15:00-15:30 Combining vehicle routing models and microscopic traffic simulation to model and evaluating city logistics applications
Jaume Barceló, Hanna Grzybowska, Sara Pardo

15:30-16:00 A study on calibration of generated route choice set for railway passengers
Naohiko Hibino, Yoshihisa Yamashita, Hisao Uchiyama

16:00-16:30 A reinforcement learning model for simulating route choice behaviours in transport network
Toshihiko Miyagi

Session E2-C: EWGT: Traffic management 2

15:00-15:30 Theoretical analysis of the efficency of ramp metering, speed management based on Braess-like paradoxes
Habib Haj Salem, Jean-Patrick Lebacque, Salim Mammar

15:30-16:00 An atomic Dijkstra algorithm for dynamic shortest paths in traffic assignment
Fabien Leurent, Vincent Aguiléra

16:00-16:30 Sensitivity analysis of a combined network equilibrium model
Michael Patriksson, Clas Rydergren

Wednesday

9:00-10:00 Plenary session P3
Evaluation functions for real world problems: a case study
Zbigniew Michalewicz, Martin Schmidt, Matthew Michalewicz, Constantin Chiriac

Session M3: MiniEURO: Decision support systems in transportation 1

10:15-10:45 The sensitivity of activity-based models of travel demand: results in the case of Albatross
Theo Arentze, Harry Timmermans

10:45-11:15 A decision support system for management of waste lube oils recycling operations
Panagiotis Repoussis, Dimitris Paraskeuopoulos, George Zobolas, Christos Tarantilis, George Ioannou

11:15-11:45 COSIMA-DSS evaluation system: a new decision support system for large-scale transport infrastructure projects
Kim B. Salling, Anders V. Jensen, Steen Leleur

Session E3-A: EWGT: Logistics and supply chain

10:15-10:45 Trends in modelling supply chain and logistic networks
Maurizio Bielli, Mariagrazia Mecoli

10:45-11:15 Comparing transport contracts in a multi-period setting
Xavier Brusset

11:15-11:45 Logistics terminals planning for an optimal freight mobility system: an application on a regional scale
Mario Catalano, Marco Migliore

Session E3-B: EWGT: Traffic management 3

10:15-10:45 Introduction to a node management model for traffic networks: a mesoscopic approach
Mauro Dell'Orco, Ergun Gedizlioglu, Hilmi Berk Celikoglu

10:45-11:15 A delayed flow intersection model for dynamic traffic assignment
Thomas Durlin, Vincent Henn

11:15-11:45 Markov mesoscopic simulation model of overflow queues at multilane signalized intersections
Francesco Viti, Henk van Zuylen

Session E3-C: EWGT: Network design 2

10:15-10:45 A multimodal approach for managing transportation design problems of real size networks
Luca D'Acierno, Mariano Gallo, Bruno Montella

10:45-11:15 A rapid transit network design model in regard to transfers
Armando Garzón-Astolfi, Juan A. Mesa, Francisco A. Ortega

11:15-11:45 A multiobjective oriented network design model for on ground aircraft's routing management
Esteve Codina, Ángel Marín

Session M4: MiniEURO: Risk and uncertainty in transportation 2

12:00-12:30 Analyzing a vehicle routing problem with stochastic demands using ant colony optimization
Marc Reimann

12:30-13:00 Fuzzy values for imprecision and flexible constraints in vehicle routing problems
Przemysław Wesołek

13:00-13:30 Vehicle routing with regard to traffic prognosis and congestion probabilities
Matthias Stickel, Jörg Darger, Kai Furmans

Session E4-A: EWGT: Multicriteria analysis of transportation problems

12:00-12:30 Are we moving in the right direction?
Jens Borken

12:30-13:00 Sustainable mobility evaluation in urban areas
Vânia Barcellos Gouvêa Campos, Rui António Rodrigues Ramos

13:00-13:30 A bilevel programming model to optimising the modal distribution of charge in urban environments with congestion: the case of the new port of Laredo
José Luis Moura, Angel Ibeas, Luigi Dell'Olio, Luis de Grange

13:30-14:00 The comparison of multiobjective ranking methods applied to solve the mass transit systems' decision problems
Jacek Żak

Session E4-B: EWGT: Sea transportation and port operations

12:00-12:30 Space allocation and location matching in container terminals
Tonguç Ünlüyurt, Hacı Murat Özdemir

12:30-13:00 A Petri net model for simulation of container terminals operations
Guido Maione, Michele Ottomanelli

13:00-13:30 Development of vehicle transshipment at European ports
Dirk Christian Mattfeld

13:30-14:00 Optimising yard operations in port container terminals
Louise K. Tranberg

Session E4-C: EWGT: Origin/destination matrices

12:00-12:30 Improvement of OD estimation based on disaggregated flow information
Bernhard Friedrich, Yun-Pang Wang

12:30-13:00 Bridging the gap between transport engineering and economic research
Cristela Goce-Dakila, Shoshi Mizokami

13:00-13:30 Dynamic travel demand estimation using real-time traffic data
Juyoung Kim, Seungjae Lee

13:30-14:00 A heuristic for the estimation of time-dependent origin-destination matrices from traffic counts
Jan Lundgren, Anders Peterson, Clas Rydergren

Thursday

9:00-10:00 Plenary session P4
Overview of road and motorway traffic control strategies
Markos Papageorgiou

Session M5: MiniEURO: Decision support systems in transportation 2

10:15-10:45 Incorporating parametric action decision trees in computational process models of activity-travel behavior: theory and illustration
Theo Arentze, Harry Timmermans

10:45-11:15 A self-learning-process based decision support system for Beijing traffic management
Yu-Sen Chen, Henk van Zuylen, Rex Lee

11:15-11:45 Operational analysis of space transportation system architectures through knowledge and simulation based modeling
Alex J. Ruiz-Torres, Edgar Zapata

Session E5-A: EWGT: Vehicle routing and scheduling

10:15-10:45 A variable fixing heuristic for the multiple-depot integrated vehicle and crew scheduling problem
Vitali Gintner, Ingmar Steinzen, Leena Suhl

10:45-11:15 Branch-and-price for integrated multi-depot vehicle and crew scheduling problem
Marta Mesquita, Ana Paias, Ana Respício

11:15-11:45 Improved dynamic programming for the vehicle routing problem with time windows
Matteo Salani

Session E5-B: EWGT: Freight transportation

10:15-10:45 A model for the analysis of regional accessibility for freight transportation
Vânia Barcellos Gouvêa Campos, Alexandre Coelho Santos, Eliana Zandonade

10:45-11:15 A sustainable urban freight transport system
Claudio Catta, Francesco Filippi, Guido Gentile

11:15-11:45 Vehicle replacement planning in freight transportation companies
Adam Redmer

Session E5-C: EWGT: Transportation planning and policy

10:15-10:45 A transportation plan strategy for Turkey
Murat Akad, Murat Ergun, Hakan Guler, Yasar Vitosoglu

10:45-11:15 Policy forecasts using mixed RP/SP models: some new evidence
Elisabetta Cherchi, Italo Meloni, Juan de Dios Ortúzar

11:15-11:45 Car pooling clubs: solution for the affiliation problem in traditional/dynamic ridesharing systems
Gonçalo Correia, José Manuel Viegas

Session M6-A: MiniEURO: Intelligent transportation systems 1

12:00-12:30 Opportunities for ITS to improve the reliability of traffic and transport systems in industrial and urbanized areas
Thomas Dijker, Henk van Zuylen

12:30-13:00 Impact of budget constraints on weekly activity patterns of road users
Christoph Gringmuth

13:00-13:30 Impacts of intelligent information systems on transport and the economy – the micro-based modelling system OVID
Christoph Gringmuth, Gernot Liedtke, Stefan Geweke, Werner Rothengatter

13:30-14:00 Philosophical challenges concerning education and career orientation in the ITS area
Siril Yella, Mark Dougherty, Kalid Askar

Session M6-B: MiniEURO: Neural networks applied to transportation problems

12:00-12:30 Calibration of logit modal split models with feed forward back-propagation neural networks
Hilmi Berk Celikoglu

12:30-13:00 Calibration of a conceptual LUTI model based on neural networks
Frans Tillema

13:00-13:30 Industrial vehicles park capacity sizing by means of artificial neural networks
Susana Val, Emilio Larrodé, Ángel Gea

13:30-14:00 Identifying congestion patterns with state space neural networks
Hans van Lint

Session E6-A: EWGT: Simulation

12:00-12:30 Vehicle trajectories random field traffic representation
Andrzej Adamski

12:30-13:00 Dynamic calibration approach for delayed car-following models
Serge P. Hoogendoorn

13:00-13:30 Path searching and filtering for network simulation tools aimed at robustness analysis
Michiel Minderhoud, Henk van Zuylen

13:30-14:00 A self-learning driving behavior model for microscopic online simulation based on remote sensing and equipped vehicle data
Marc Miska, Theo H.J. Muller, Henk van Zuylen

Session E6-B: EWGT: Environmental aspects of transportation

12:00-12:30 Simulation model for the mission profiles and energy consumption of a transit mode
Stefano Carrese, Francesco Guzzo Cava, Giuseppe Ottone, Claudio Zamponi

12:30-13:00 Traffic parameters estimation to predict road side pollutant concentrations using neural networks
Fabio Galatioto, Pietro Zito, Marco Migliore

13:00-13:30 Monitoring and assessment of daily exposure of residential population to highway traffic noise in Jalgaon urban center
Sopan T. Ingle, Bhushan G. Pachpande

13:30-14:00 Impact of highway traffic pollution on lung function of residential population in Jalgaon urban center
Sopan T. Ingle, Nilesh Wagh

Session M7: MiniEURO: Intelligent transportation systems 2

15:00-15:30 A web-based traffic information system using wireless communication techniques
Akmal Abdelfatah, Abdul-Rahman Al-Ali

15:30-16:00 Road and traffic sign detection and recognition
Hasan Fleyeh, Mark Dougherty

16:00-16:30 An agent based distributed mircoscopic online simulation model
Marc Miska, Theo H.J. Muller, Henk van Zuylen

Session E7-B: EWGT: Safety, reliability and quality in transportation

15:00-15:30 Tracking waves for modelling the impact of incidents
Vincent Henn

15:30-16:00 Finding dissimilar efficient routes for hazmat shipments
Pasquale Carotenuto, Graziano Galiano, Stefano Giordani

16:00-16:30 Analysis about quality in the freight transportation and direct effect in the management of a transportation organization
Ángel Gea, Emilio Larrodé, Carlos Millán

16:30-17:00 Evaluation of public transport in the project of Poznan Quality of Life indicators
Piotr Jabkowski

Friday

9:00-9:30 Plenary session P5
Metaheuristics – flexible tools for decision making in transportation planning and operations management
Jorge Pinho de Sousa

9:30-10:00 Plenary session P6
Bee colony optimization – a cooperative learning approach to complex transportation problems
Mauro Dell'Orco, Dušan Teodorović

Session M8: MiniEURO: Metaheuristics in transportation

10:15-10:45 A procedure for the solution of the urban bus network design problem with elastic demand
Ernesto Cipriani, Gaetano Fusco, Stefano Gori, Marco Petrelli

10:45-11:15 Meta-heuristic algorithms for a transit route design
Jonghak Han, Seungjae Lee, Jonghyung Kim

11:15-11:45 Solving an accessibility-maximization road network design model: a comparison of heuristics
Bruno Santos, António Antunes, Eric Miller

Session E8-A: EWGT: Public transportation 1

10:15-10:45 Marginal value of wireless internet connection on trains: implications for mode-choice models
Ipsita Banerjee, Adib Kanafani

10:45-11:15 Trip time prediction in mass transit companies. A machine learning approach
João M. Moreira, Alípio Jorge, Jorge Freire de Sousa, Carlos Soares

11:15-11:45 A GIS approach to evaluate bus stop accessibility
Giuseppe Salvo, Simona Sabatini

Session E8-B: EWGT: Road pricing

10:15-10:45 Joint pricing and network capacity setting problem
Luce Brotcorne, Patrice Marcotte, Gilles Savard, Mickael Wiart

10:45-11:15 Integrated transport and land use policies for developing countries: relocation of residences, road pricing and transit subsidy
Dilum Dissanayake

11:15-11:45 Macroeconomic analysis of transport pricing regimes for the EU
Wolfgang Schade, Claus Doll

Session E8-C: EWGT: Railway transportation

10:15-10:45 Generating dense railway schedules
Dan Burkolter, Thomas Herrmann, Gabrio Caimi

10:45-11:15 The effectiveness of static implications in real-time railway traffic management
Marco Pranzo, Andrea D'Ariano, Dario Pacciarelli

Session M9: MiniEURO: Heuristics in transportation

12:00-12:30 Large-scale set partitioning problems: conjectures on the beneficial structure of some real-world instances
Luca Coslovich, Raffaele Pesenti, Walter Ukovich

12:30-13:00 The tabu search heuristic method for a multi vehicle distribution and routing problem
Olgierd Dziamski

13:00-13:30 A multiperiod expected covering location model for dynamic redeployment of ambulances
Hari K. Rajagopalan, Cem Saydam, Jing Xiao

13:30-14:00 Applying genetic techniques to the tactical flight level assignment
Sophie Constans, Nicolas Gadenne, Rémy Fondacci

Session E9-A: EWGT: Flow models

12:00-12:30 Second order traffic flow modeling: supply-demand analysis of the inhomogeneous Riemann problem and of boundary conditions
Jean-Patrick Lebacque, Habib Haj Salem, Salim Mammar

12:30-13:00 Second order traffic flow modelling: the Riemann problem resolution in homogeneous case without relaxation term
Salim Mammar, Jean-Patrick Lebacque, Habib Haj Salem

13:00-13:30 The link transmission model: an efficient implementation of the kinematic wave theory in traffic networks
Isaak Yperman, Steven Logghe, Ben Immers

Session E9-B: EWGT: Public transportation 2

12:00-12:30 Determining lack of information about public transit system
Safak Bilgic, Polat Yaliniz

12:30-13:00 Public transport network design and appraisal -- a case study of Porto
Álvaro Costa, Pedro Abrantes, Oana Grozavu, Sílvia Magalhães

13:00-13:30 Simulation and evaluation of integrated public transport
Carl Henrik Häll, Jan Lundgren, Peter Värbrand

13:30-14:00 Design of operations of personal rapid transit systems
Paolo Delle Site, Francesco Filippi, Davide Usami

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