

19 Ottobre 2012 – Aula Magna “Galileo Galilei”, Palazzo del Bo’

Registrazioni (8:00 – 9:30)

Apertura (9:30 – 10:00)

Agostino Nuzzolo, Presidente della SIDT
Silverio Bolognani, Prorettore alla Ricerca, Università degli Studi di Padova
Carmelo Majorana, Direttore del Dipartimento ICEA, Università degli Studi di Padova
Ivo Rossi, Vice Sindaco del Comune di Padova

Relazioni introduttive (10:00 – 11:45)

Coordina Antonio Musso (Università di Roma “La Sapienza”)

Gli effetti della crisi sul sistema del TPL ed i possibili interventi

Giovanni Corona, Università degli Studi di Cagliari

L’organizzazione del TPL: un cambio di paradigma

Marcello Martinez, Ordinario di organizzazione delle aziende di trasporto, Seconda Università di Napoli – Cesit

Transport and social exclusion: Where are we now?

Karen Lucas, Transport Studies Unit – University of Oxford

Scenari della mobilità urbana e ruolo del trasporto pubblico

Carlo Carminucci, ISFORT

Il futuro del TPL: il ruolo di ASSTRA

Guido del Mese, Direttore Generale ASSTRA

Coffee break (11:45 – 12:00)

Interventi (12:00 – 13:00)

Coordina Agostino Cappelli (Università IUAV di Venezia)

Trasporto pubblico locale: incertezza normativa e finanziaria

Alfredo Peri, Federmobilità

Stili di mobilità e reazioni alla crisi

Carlo Berruti, Responsabile Ricerca Quantitativa G.P.F. Research s.r.l

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Conclusioni (13:00 – 13:25)

Ennio Cascetta (Università degli Studi di Napoli “Federico II”)

Premiazione SIDTgiovani (13:25 – 13:30)

Buffet (13:30 – 14:15)

18 October 2012 – Auditorium Centro Culturale “Altinate San Gaetano”

Registration (8:00 – 9:30)

Opening (9:30 – 10:00) SIDT President

Session 1 (10:00 – 11:00) Transportation Planning

Traffic basins of Calabria region: methodology and application

PAVONE G., Chilà G., Filella A., Meduri G., Trecozzi M.R.

LUTI and DEA for simulation and evaluation in urban transport planning

Musolino G., RINDONE C.

Strategies to implement a transportation-efficient regional development

Cappelli A., Libardo A., NOCERA S.

Public engagement for planning and design transportation systems: tools and experiences

Cascetta E., PAGLIARA F.

Towards lean transportation infrastructures: defining value and identifying MUDA

Cascetta E., DA GIAU A., Furlan A., Macchion L., Vinelli A., ZANOTTO M., Binotto F., Fioratti M.

Session 2 (11:00 – 12:00) Public Transport

Key factors affecting rail service quality. A decision tree approach

DE OÑA R., Eboli L., Mazzulla G.

The local public transport in Italy: state, prospects and international comparisons

Cascetta E., PAPOLA A.

Application aspects of the tram-train system. The case of Brescia

Maternini G., RICCARDI S., Cadei M.

Classification of urban settlements and public transport improvement

Carrese S., SALES A.

Change to survive: public transport and new technologies for Europe global competition

CAPPELLI A., Libardo A., Nocera S.

Session 3 (12:00 – 12:50) Travel Behaviour

On the attributes and influencing factors of end-users quality perceptions in urban transport: an exploratory analysis

BARABINO B., Corona G., Deiana E.

User empowerment and advanced public transport solutions

FILIPPI F.

An experimental analysis of the propensity for voluntary travel behavior changes

Meloni I., SANJUST B., Sottile E.

The value of aesthetics in railway stations: a quantitative analysis of perceived quality for travellers

Cascetta E., CARTENÌ A.

Buffet (12:50 – 13:45)

Session 4 (13:45 – 14:35) Network Design

Models and algorithms for solving the combined assignment-control problem

GALLO M., D'Acerno L.

Stability of traffic lights as dynamic switching systems and sensitivity of the performances

Di Febbraro A., SACCO N.

Experimental analysis of the performance of an urban road system: an innovative approach using data envelopment analysis

FANCELLO G., Uccheddu B., Fadda P.

Stochastic equilibrium assignment with variable demand: two variables solution algorithm

performance and effects of choice models

CANTARELLA G.E., De Luca S., Di Gangi M., Di Pace R.

Session 5 (14:35 – 15:35) Sustainable Mobility

A dynamic simulation based model for optimal fleet repositioning in bike-sharing systems

CAGGIANI L., Ottomanelli M., Sassanelli D.

"ELEbici@roma3": an innovative project for sustainable mobility

Carrese S., CIAFFI F.

Strategies to achieve an "ecological airport urbanism": the Venice airport case

CIPRIANI L.

An innovative car-sharing system for sustainable mobility in urban area

Gattuso D., Pietrafesa M., Pudano A., RESTUCCIA A.

Driving behaviour, slope and vehicle load factor impacts on bus fuel consumption: real case application in the city of Rome

Carrese S., LA SPADA S.

Coffee break (15:45 – 16:00)

Session 6 (15:50 – 16:50) Logistics I

City logistics planning and urban freight transport modelling: recent trends

NUZZOLO A., Comi A.

ITS technologies for logistics. A state of the art

Gattuso D., PELLICANÒ D.S.

Trip chain behaviour of commercial vehicles in urban areas: the Parma case study

TOZZI M., Corazza M.V., Musso A.

Statistics for simulation of logistic platform

Gattuso D., CASSONE G.C.

A DSS for the assessment of city logistics measures

Nuzzolo A., Crisalli U., COMI A., Rosati L.

Session 7 (16:50 – 17:25) Logistics II

A model for reserved lanes design for freight vehicles

Polimeni A., VITETTA A.

Mode choice models for the assessment of italian freight transport policies

Nuzzolo A., CRISALLI U., Comi A., Rosati L., Panico F.

Indicators for city logistics

Musolino G., OTTOMANELLI M.

Session 8 (17:25 – 18:00) Travel Demand I

Evaluation of travel demand impacts in the case of rail system failures

D'ACIERNO L., Gallo M., Montella B., Placido A.

Road transport elasticity: how fuel price changes can affect individual traffic demand

Musso A., PICCIONI C., Tozzi M., Godard G., Lapeyre A., Papandreou K.

An analysis of a suburban rail demand in the city of Naples

Biggiero L., CORAPI G.

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Session 9 (14:15 – 15:15) Accessibility

Bus rapid transit vs regular bus system: comparing the impact on urban accessibility by public transport

Capri S., Ignaccolo M., INTURRI G., Rubulotta E.

A tool for an evaluation of reachability of an airport area

CONCA A., Papa F., Rubino S., Vignolo M.G.

Activity location and mobility costs

Nuzzolo A., Coppola P., PAPA E.

New measures of accessibility based on perceived opportunities

Cascetta E., Carteni A., MONTANINO M.

Assessing a general method to enhance airport passenger accessibility and resources optimization

Gualandi N., MANTECCHINI L., Paganelli F., Tagliazucchi C.

Session 10 (15.15 – 15.50) System Vulnerability

Ranking links in a road transport network: an application of Spearman's correlation coefficient

ANGELINI S., Danesi A., Rossi G., RUPI F.

Travel time forecasting for vehicle routing: the case of urban evacuation

MUSOLINO G., Polimeni A., Vitetta A.

Demand simulation and planning for evacuation conditions

RUSSO F., Rindone C., Chilà G.

Coffee break (15:50 – 16:05)

Session 11 (16.05 – 16:30) System Efficiency

Energy efficient speed profiles for suburban train operation: a simulation model

DE MARTINIS V., Gallo M.

Effects of full automation on technical-economic efficiency in metro systems

ANTOGNOLI M., Ricci S.

A model for transit design with choice of vehicle type and energy charging system

FUSCO G., Alessandrini A., Cipriani E., Colombaroni C., Messina G., Valentini M.P.

Session 12 (16:30 – 16:55) Road Intersections Analysis

Warning sound to affect perceived speed in approaching roundabout: experiments with a driving simulator

Rossi R., GASTALDI M., Biondi F., Mulatti C.

The analysis of roundabouts through visibility

MUSSONE L.

Optimal setting of traffic signals through the artificial bee colony algorithm

Dell'Orco M., Başkan Ö., MARINELLI M.

Session 13 (16:55 – 17:20) Transportation System Monitoring

Annual average daily traffic estimation from seasonal traffic counts

Gastaldi M., Rossi R., GECHELE G., Della Lucia L.

A new classification of Italian ports based on the value added concept

Lupi M., FARINA A.

Session 14 (17:20 – 17:55) Travel Demand II

Experimental analysis of day-to-day route choice dynamics in a three-link network without information provision

MENEGUZZER C., Olivieri A.

Influence of information on users' behaviour: a day-to-day model for route choice updating

DE MAIO M.L., Vitetta A., Watling D.

The value of en-route information on the accessibility to concurrent transit system services

GORI S., Nigro M.L., Mannini L.

Closure (17.55) SIDT President